09/762,106 Thomas McKenzie

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS 5	FEB 05	German (DE) application and patent publication number format changes
NEWS 6	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS 7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS 8	MAR 03	FRANCEPAT now available on STN
NEWS 9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS 10	MAR 29	WPIFV now available on STN
NEWS 11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12	APR 26	PROMT: New display field available
NEWS 13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS 14	APR 26	LITALERT now available on STN
NEWS 15	APR 27	NLDB: New search and display fields available
NEWS 16	May 10	PROUSDDR now available on STN
NEWS 17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 18	May 12	EXTEND option available in structure searching
NEWS 19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20	May 17	FRFULL now available on STN

NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:56:10 ON 20 MAY 2004

=> file reg
FILE 'REGISTRY' ENTERED AT 12:56:37 ON 20 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 19 MAY 2004 HIGHEST RN 683745-80-4
DICTIONARY FILE UPDATES: 19 MAY 2004 HIGHEST RN 683745-80-4

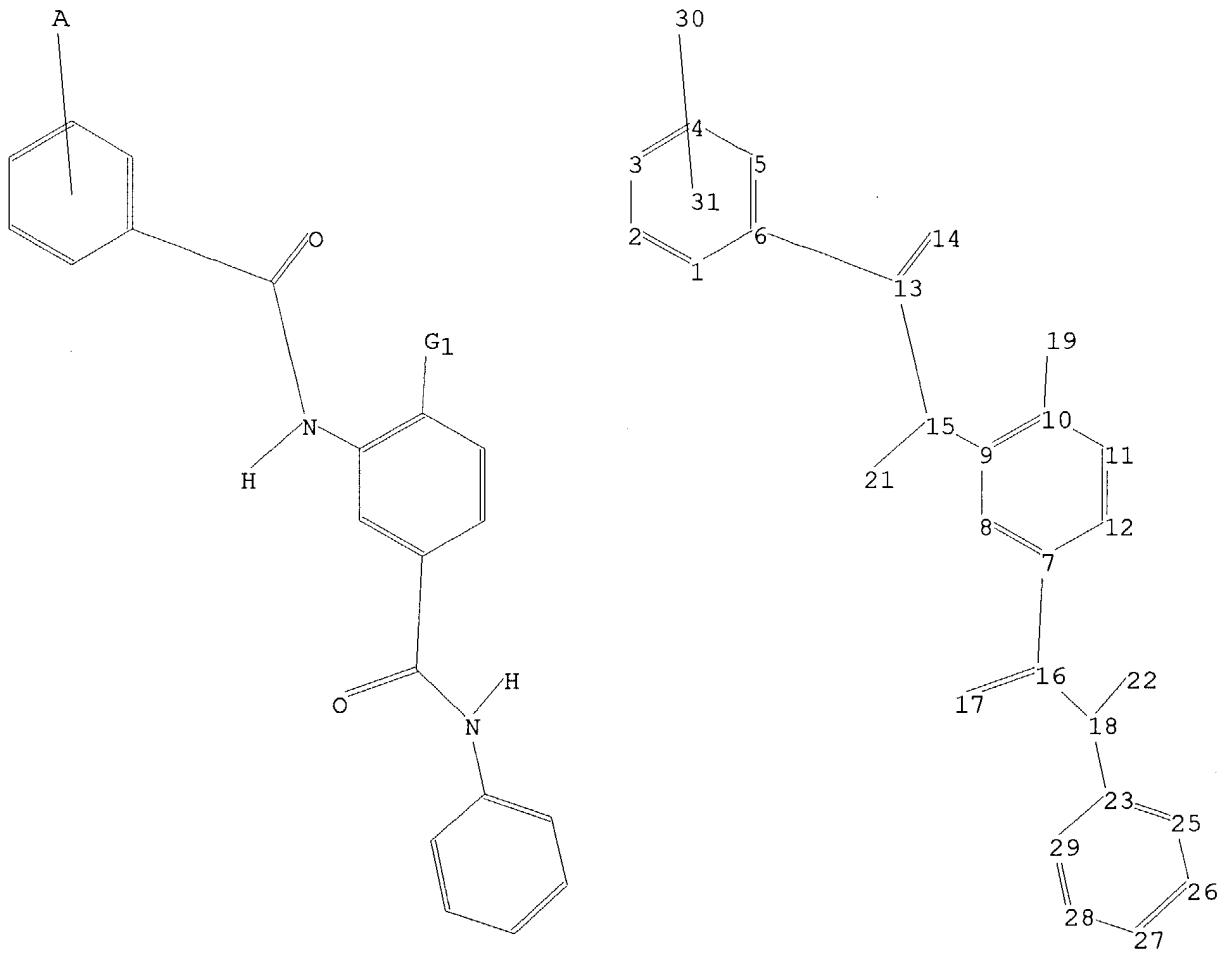
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\09762106.str



chain nodes :
13 14 15 16 17 18 19 21 22 30
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 23 25 26 27 28 29
chain bonds :
6-13 7-16 9-15 10-19 13-14 13-15 15-21 16-17 16-18 18-22 18-23
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 23-25 23-29
25-26 26-27 27-28 28-29
exact/norm bonds :
9-15 10-19 13-14 13-15 16-17 16-18 18-23
exact bonds :
6-13 7-16 15-21 18-22
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 23-25 23-29
25-26 26-27 27-28 28-29
isolated ring systems :
containing 1 : 7 : 23 :

G1:CH3,Cl

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 21:CLASS 22:CLASS 23:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
30:CLASS 31:CLASS

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 12:58:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 400 TO ITERATE

100.0% PROCESSED 400 ITERATIONS 23 ANSWERS
SEARCH TIME: 00.00.01

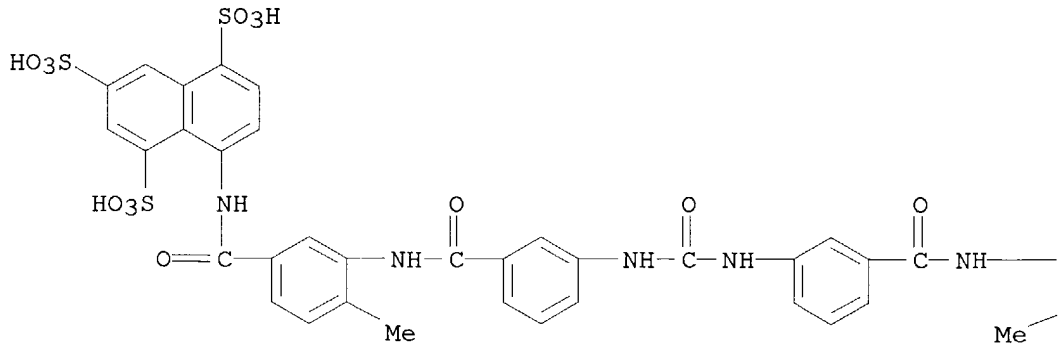
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 6801 TO 9199
PROJECTED ANSWERS: 173 TO 747

L2 23 SEA SSS SAM L1

=> d scan

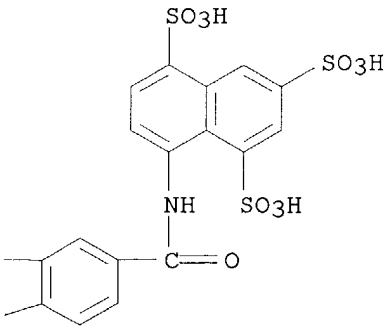
L2 23 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-4,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, labeled with tritium, hexasodium salt (9CI)
MF C51 H40 N6 O23 S6 . 6 Na

PAGE 1-A



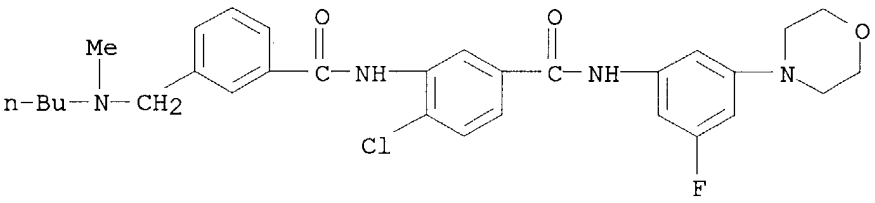
●6 Na

PAGE 1-B



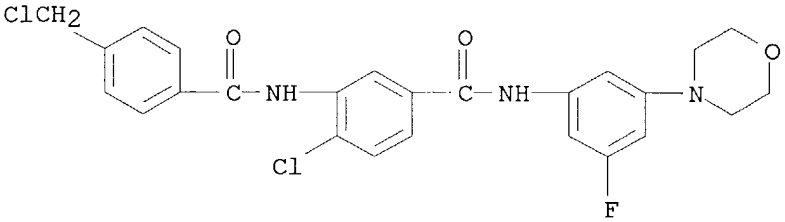
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 23 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzamide, 3-[[3-[(butylmethylamino)methyl]benzoyl]amino]-4-chloro-N-[3-fluoro-5-(4-morpholinyl)phenyl]- (9CI)
MF C30 H34 Cl F N4 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 23 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzamide, 4-chloro-3-[[4-(chloromethyl)benzoyl]amino]-N-[3-fluoro-5-(4-morpholinyl)phenyl]- (9CI)
MF C25 H22 Cl2 F N3 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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=> s l1 full
FULL SEARCH INITIATED 12:59:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   7702 TO ITERATE

100.0% PROCESSED    7702 ITERATIONS                          412 ANSWERS
SEARCH TIME: 00.00.01

L3          412 SEA SSS FUL L1

=> file caold
FILE 'CAOLD' ENTERED AT 12:59:22 ON 20 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

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  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

=> s l3
L4          17 L3

=> d 1-17 str bib
'STR' IS NOT A VALID FORMAT FOR FILE 'CAOLD'

The following are valid formats:

ALL ----- AN, TI, AU, PA, DT, IT, PI (default)
BIB ----- AN, TI, AU, PA, DT, PI
CAN ----- List of CA abstract numbers, no L-number headers
CBIB ---- AN, TI, AU, PA, PI
DALL ---- ALL, delimited (end of each field identified)
IND ----- Indexing data
MAX ----- Same as ALL
SAM ----- TI, IT
SCAN ---- TI, IT (random display, no answer numbers;
          SCAN must be entered on the same line as the DISPLAY,
          e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB

IALL ---- ALL, indented with text labels
IBIB ---- BIB, indented with text labels
ISTD ---- STD, indented with text labels

HIT ----- Fields containing hit terms
HITIND -- IT
```

HITRN --- HIT RN
HITSTR -- HIT RN, its CA index name and its structure diagram
FHITSTR - First HIT RN, its CA index name and its structure diagram
OCC ----- Number of occurrence of hit term and fie ld in which it occurs

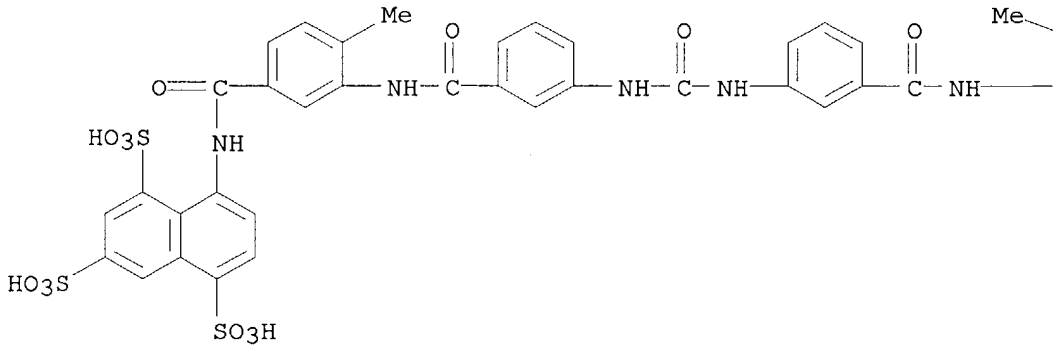
Index Terms (IT) are CAS Registry Numbers; Accession Numbers (AN) CA References.

Index Terms in CAOLD include only Registry Numbers; no subject terms are available. The same formats (except SAMPLE) may be used with the DISPLAY ACC command to display the record for a specified CAOLD Accession Number.

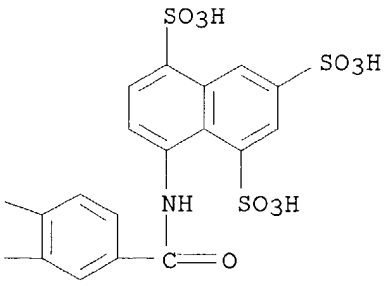
PAGE ---- Page Image of original Chemical Abstracts issue containing the abstract of the answer.
PAGE.PREV and PAGE.NEXT will return the image of the page before or after the current answer.
ENTER DISPLAY FORMAT (ALL):hitstr ibib

L4 ANSWER 1 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **145-63-1**
RN 145-63-1 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A

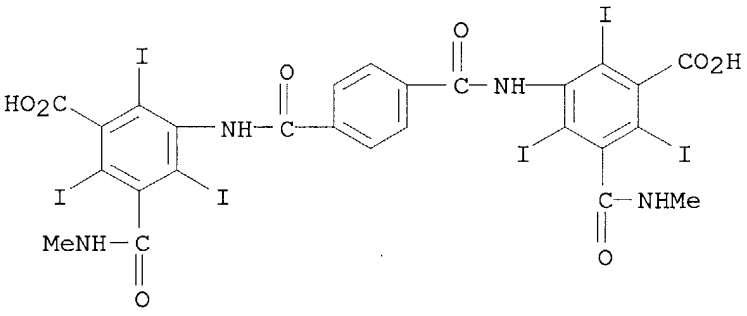


PAGE 1-B



ACCESSION NUMBER: CA65:15936e CAOLD
TITLE: paroxysmal nocturnal hemoglobinuria-inhibition of hemolysis by germanin, heparin, and heparinoids
AUTHOR NAME: Schmid, Hans J.

L4 ANSWER 2 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **13013-78-0**
RN 13013-78-0 CAOLD
CN Isophthalamic acid, 5,5'-(terephthaloyldiimino)bis[2,4,6-triiodo-N-methyl- (7CI, 8CI) (CA INDEX NAME)



ACCESSION NUMBER: CA65:13620a CAOLD
TITLE: 3,4',5-tribromosalicylanilide
PATENT ASSIGNEE: Dow Chemical Co.
DOCUMENT TYPE: Patent

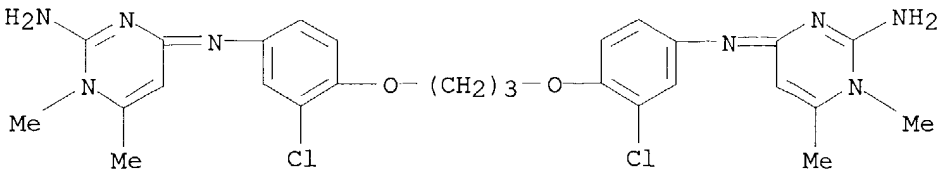
PATENT NO.	KIND	DATE
PI FR 1431689		

L4 ANSWER 3 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **5225-98-9**
RN 5225-98-9 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, compd. with 4,4'-[1,3-propanediylbis[oxy(3-chloro-4,1-phenylene)nitrilo]]bis[1,4-dihydro-1,6-dimethyl-2-pyrimidinamine] (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 108038-04-6

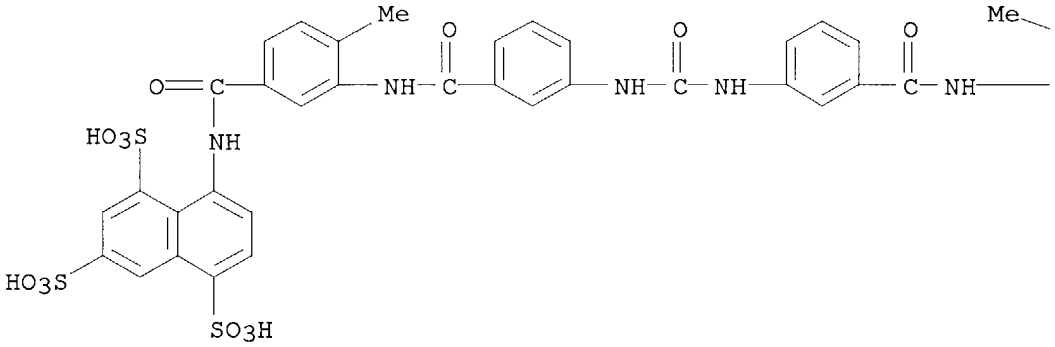
CMF C27 H30 Cl2 N8 O2



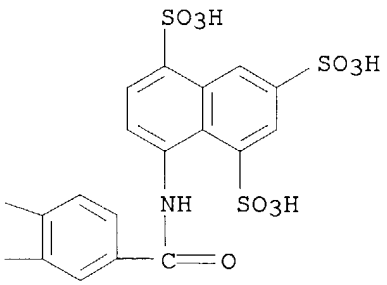
CM 2

CRN 145-63-1
CMF C51 H40 N6 O23 S6

PAGE 1-A



PAGE 1-B



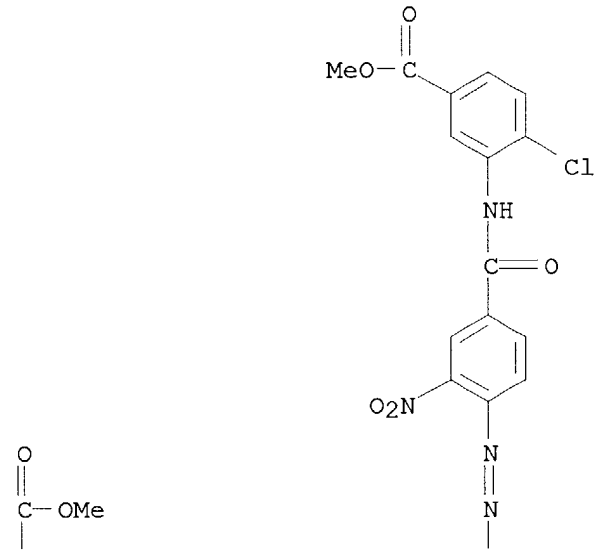
ACCESSION NUMBER: CA64:14195g CAOLD
TITLE: dipyrimidinium compds.

PATENT ASSIGNEE: Farbenfabriken Bayer A.-G.
DOCUMENT TYPE: Patent

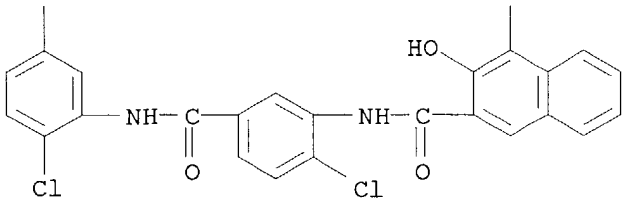
PATENT NO.	KIND	DATE
PI GB 1020306		

L4 ANSWER 4 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **4989-01-9**
RN 4989-01-9 CAOLD
CN Benzoic acid, 3-[3-[4-[[4-[(5-carboxy-2-chlorophenyl)carbamoyl]-2-nitrophenyl]azo]-3-hydroxy-2-naphthamido]-4-chlorobenzamido]-4-chloro-, dimethyl ester (7CI, 8CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

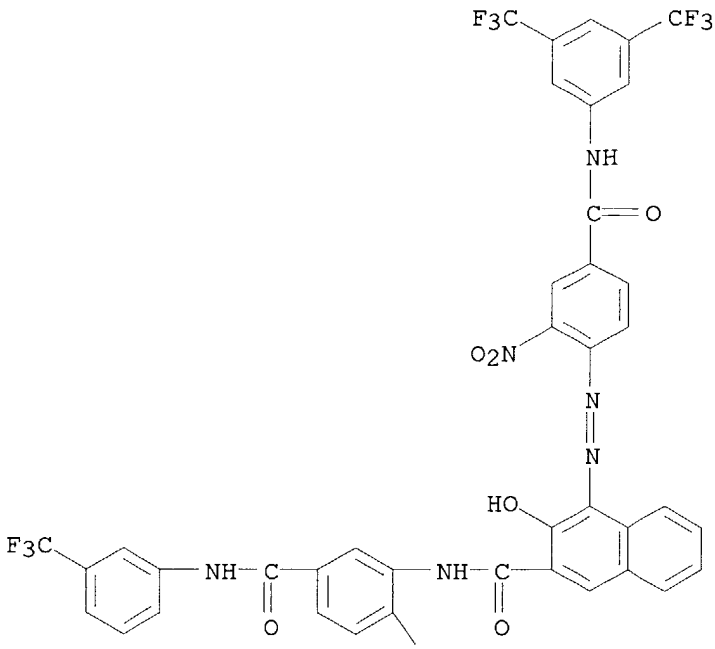


ACCESSION NUMBER: CA64:11353d CAOLD
TITLE: allyl sulfone monoazo dyes
AUTHOR NAME: Vyas, Girjaprasad N.; Shivalkar, R. L.
PATENT ASSIGNEE: Amar Dye-Chem. Ltd.
DOCUMENT TYPE: Patent

	PATENT NO.	KIND	DATE
PI	IN 84233		

L4 ANSWER 5 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **4989-00-8** **5082-67-7**
RN 4989-00-8 CAOLD
CN 2-Naphthanilide, 2'-chloro-4-[[4-[(α,α,α,α',.alpha.',α'-hexafluoro-3,5-xylyl)carbamoyl]-2-nitrophenyl]azo]-3-hydroxy-5'-[(α,α,α-trifluoro-m-tolyl)carbamoyl]- (7CI, 8CI) (CA INDEX NAME)

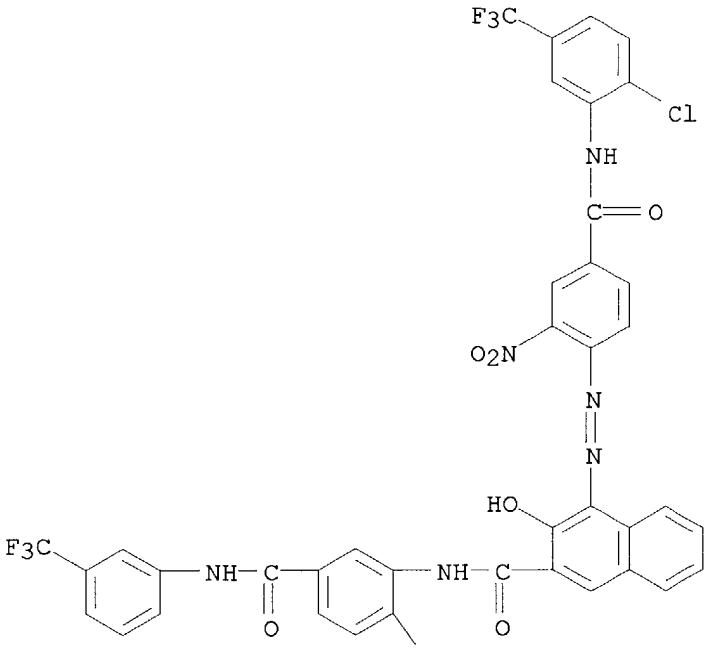
PAGE 1-A



PAGE 2-A

RN 5082-67-7 CAOLD
CN 2-Naphthanilide, 2'-chloro-4-[[4-[(6-chloro-α,α,α-trifluoro-m-tolyl)carbamoyl]-2-nitrophenyl]azo]-3-hydroxy-5'-[(α,α,α-trifluoro-m-tolyl)carbamoyl]- (7CI, 8CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

ACCESSION NUMBER: CA64:11353b CAOLD
TITLE: monoazo pigments
PATENT ASSIGNEE: CIBA Ltd.
DOCUMENT TYPE: Patent

	PATENT NO.	KIND	DATE
PI	NL 6503512		
	BE 661361		
	FR 1437518		

L4 ANSWER 6 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **5671-53-4**
RN 5671-53-4 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, compd. with 1,4,5,6-tetrahydro-2-[2-(2-thienyl)ethyl]pyrimidine (1:6) (9CI) (CA INDEX NAME)

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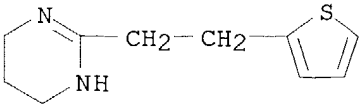
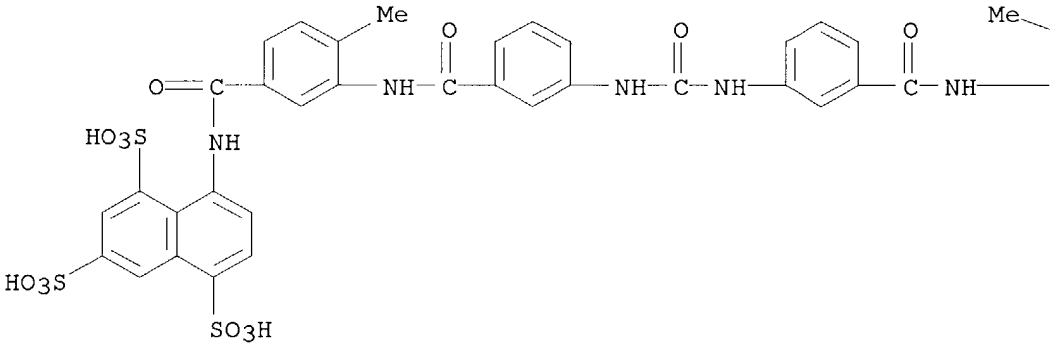
CRN 7782-57-2
CMF C10 H14 N2 S



CM 2

CRN 145-63-1
CMF C51 H40 N6 O23 S6

PAGE 1-A



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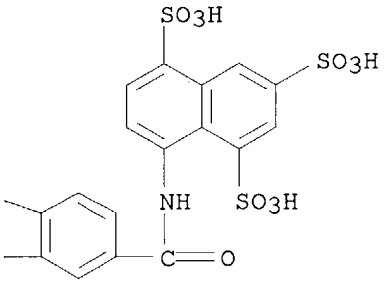


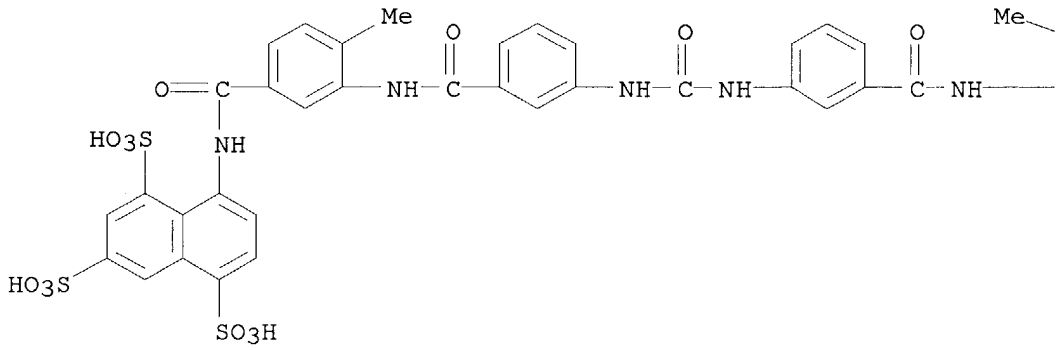
ACCESSION NUMBER: CA64:8192c CAOLD
TITLE: anthelmintic 2-alkylthiophenes
PATENT ASSIGNEE: Pfizer Corp.
DOCUMENT TYPE: Patent

PATENT NO.	KIND	DATE

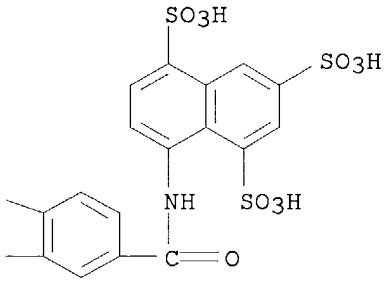
PI BE 658987
GB 1045838

L4 ANSWER 7 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **145-63-1** **4517-43-5**
RN 145-63-1 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A

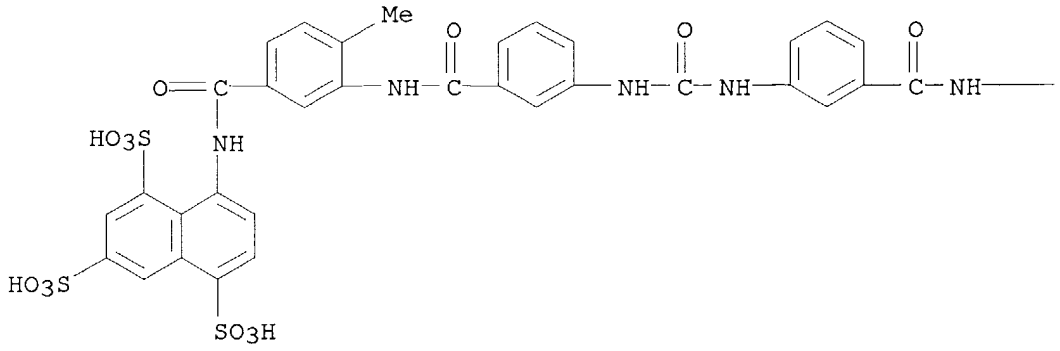


PAGE 1-B

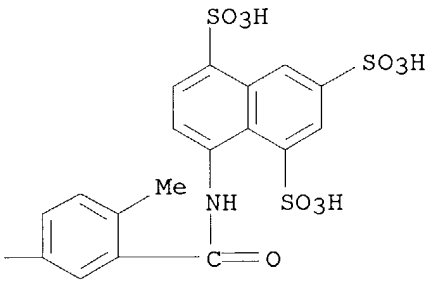


RN 4517-43-5 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[ureylenebis[m-phenylenecarbonylimino(2-methyl-m-phenylene)carbonylimino]]di- (8CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



ACCESSION NUMBER: CA64:956f CAOLD
TITLE: phosvitin kinase enzyme of cerebral microsomes
AUTHOR NAME: Desci, I.; Rodnight, R.

L4 ANSWER 8 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **7043-38-1**
RN 7043-38-1 CAOLD
CN Quinolinium, 6,6'-ureylenebis[1-methyl-, 8,8'-[ureylenebis[m-phenylenecarbonylimino(4-methyl-m-phenylene)carbonylimino]]di-1,3,5-naphthalenetrisulfonate (3:1) (8CI) (CA INDEX NAME)

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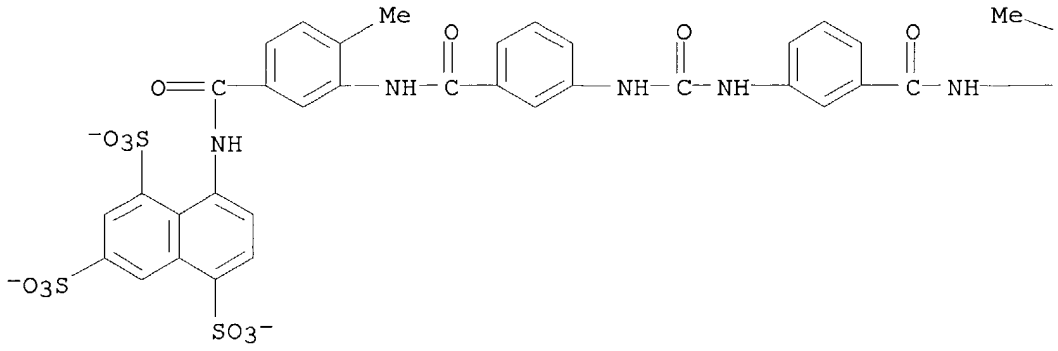
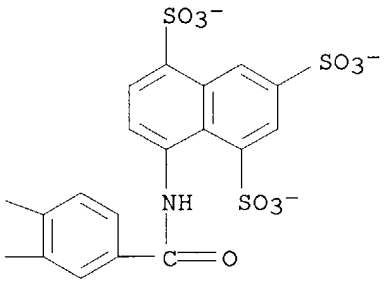
CRN 47924-42-5
CMF C51 H34 N6 O23 S6

PAGE 1-A

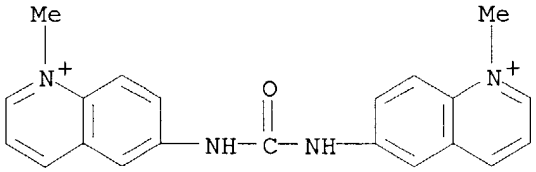


PAGE 1-B



CM 2

CRN 14910-31-7
CMF C21 H20 N4 O

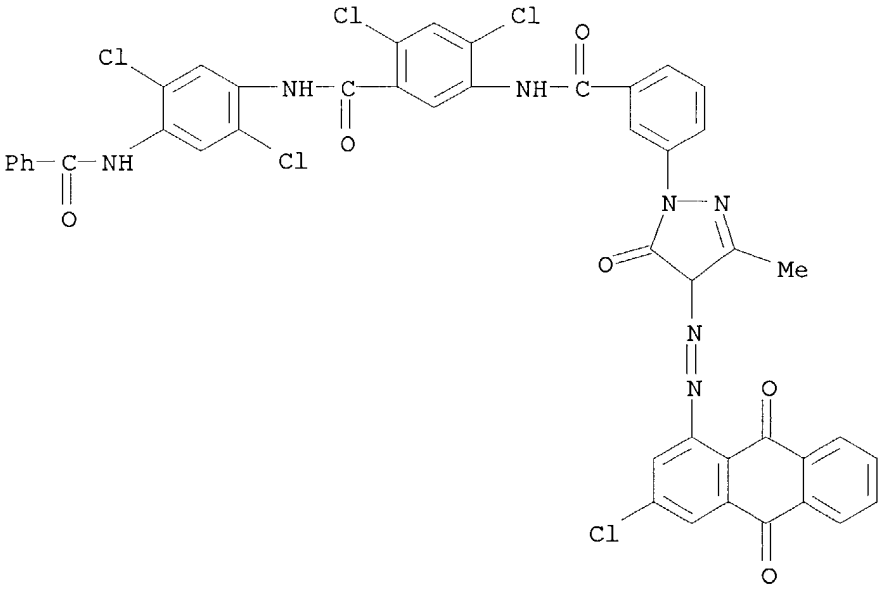


ACCESSION NUMBER: CA63:18053a CAOLD
TITLE: urea bis(1-methylquinolinum) salts
PATENT ASSIGNEE: Imperial Chemical Industries Ltd.

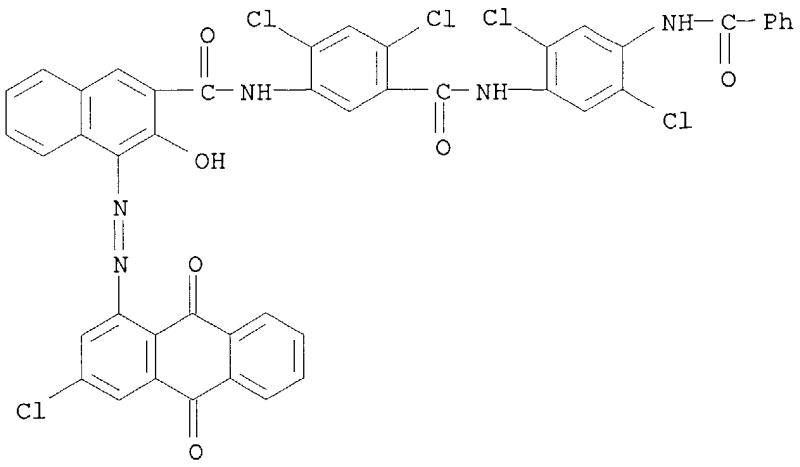
DOCUMENT TYPE: Patent
TITLE: urea bis(1-methylquinolinum)salts
AUTHOR NAME: Jones, William G. M.
DOCUMENT TYPE: Patent

PATENT NO.	KIND	DATE
PI GB 1001350		

L4 ANSWER 9 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **2405-10-9** **2952-20-7**
RN 2405-10-9 CAOLD
CN N,3'-Bibenzamide, N'-(4-benzamido-2,5-dichlorophenyl)-4',6'-dichloro-3-[4-[(3-chloro-1-anthraquinonyl)azo]-3-methyl-5-oxo-2-pyrazolin-1-yl]- (7CI, 8CI) (CA INDEX NAME)



RN 2952-20-7 CAOLD
CN 2-Naphthanilide, 5'-[(4-benzamido-2,5-dichlorophenyl)carbamoyl]-2',4'-dichloro-4-[(3-chloro-1-anthraquinonyl)azo]-3-hydroxy- (8CI) (CA INDEX NAME)

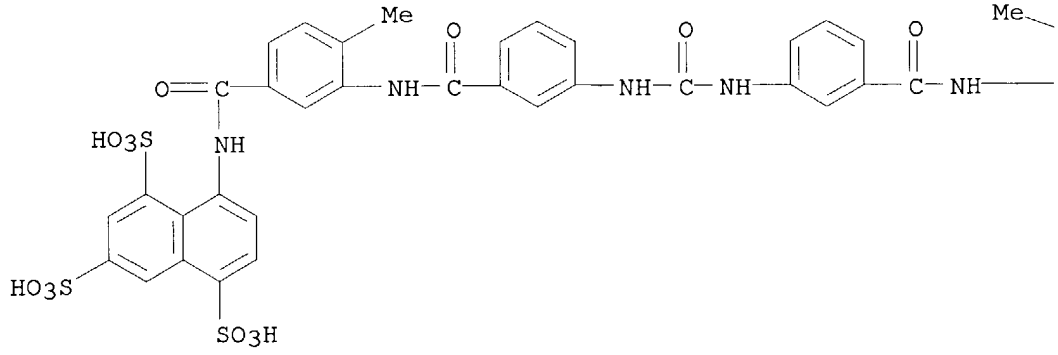


ACCESSION NUMBER: CA63:5793b CAOLD
TITLE: dyes (monoazo)
PATENT ASSIGNEE: CIBA Ltd.
DOCUMENT TYPE: Patent

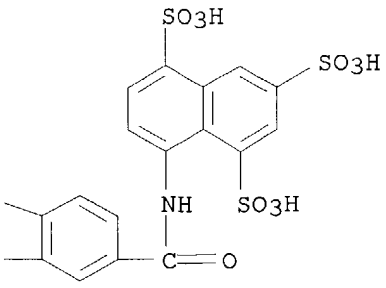
	PATENT NO.	KIND	DATE
PI	FR 1371677		
	GB 1019579		

L4 ANSWER 10 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **145-63-1**
RN 145-63-1 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



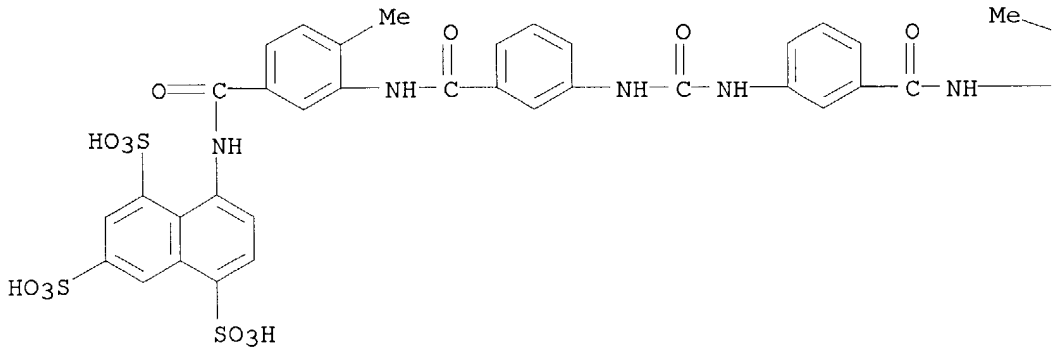
PAGE 1-B



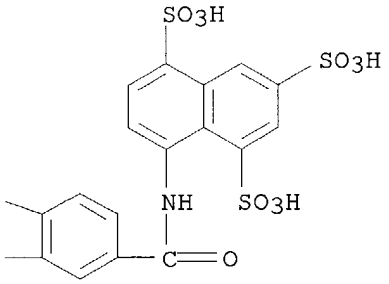
ACCESSION NUMBER: CA62:10845g CAOLD
TITLE: biol. investigations of a nucleic acid analog-dependent herpes virus
AUTHOR NAME: Stevens, Jack G.

L4 ANSWER 11 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **129-46-4** **2787-92-0**
RN 129-46-4 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



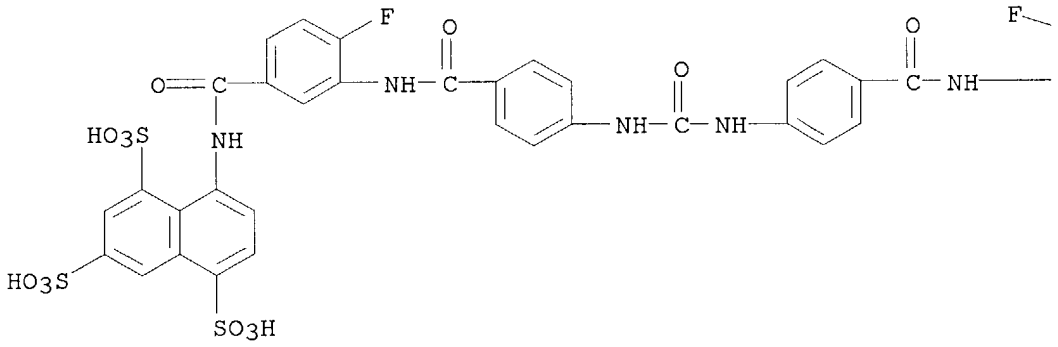
PAGE 1-B



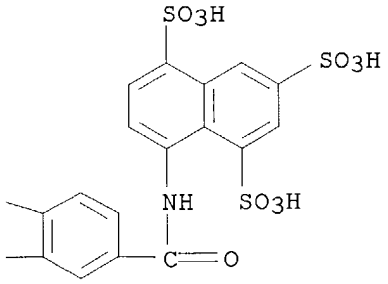
●6 Na

RN 2787-92-0 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[ureylenebis[m-phenylenecarbonylimino(4-fluoro-m-phenylene)carbonylimino]]di-, hexasodium salt (7CI, 8CI) (CA INDEX NAME)

PAGE 1-A



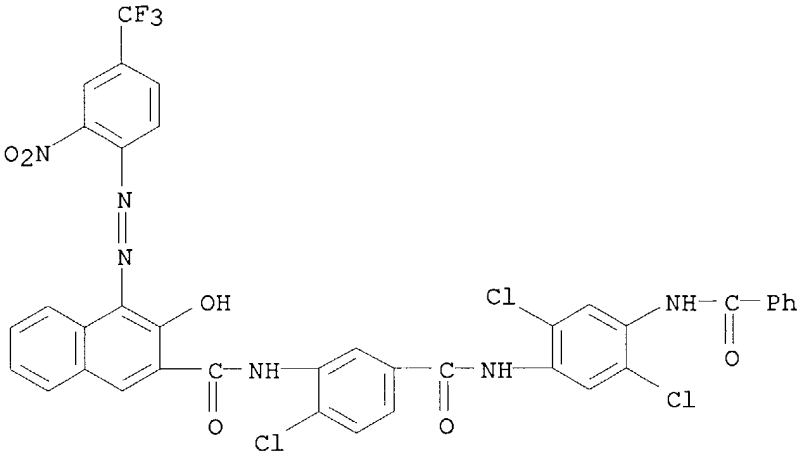
PAGE 1-B



●6 Na

ACCESSION NUMBER: CA62:9668a CAOLD
TITLE: granules and other changes in phase-contrast appearance produced by chemotherapeutic agents in trypanosomes
AUTHOR NAME: Ormerod, W. E.; Shaw, J. J.

L4 ANSWER 12 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **2585-61-7**
RN 2585-61-7 CAOLD
CN 2-Naphthanilide, 5'-[(4-benzamido-2,5-dichlorophenyl)carbamoyl]-2'-chloro-3-hydroxy-4-[(α,α,α-trifluoro-2-nitro-p-tolyl)azo]- (8CI) (CA INDEX NAME)



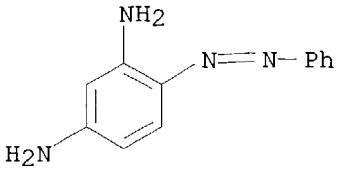
ACCESSION NUMBER: CA61:752g CAOLD
TITLE: dyes (carboxamido azo)
PATENT ASSIGNEE: CIBA Ltd.
DOCUMENT TYPE: Patent

	PATENT NO.	KIND	DATE
PI	BE 632240		
	CH 409189		
	FR 1356646		
	GB 976523		

L4 ANSWER 13 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **101475-52-9**
RN 101475-52-9 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[ureylenebis[m-phenylenecarbonylimino(4-methyl-m-phenylene)carbonylimino]]di-, compd. with C.I. Basic Orange 2 (7CI) (CA INDEX NAME)

CM 1

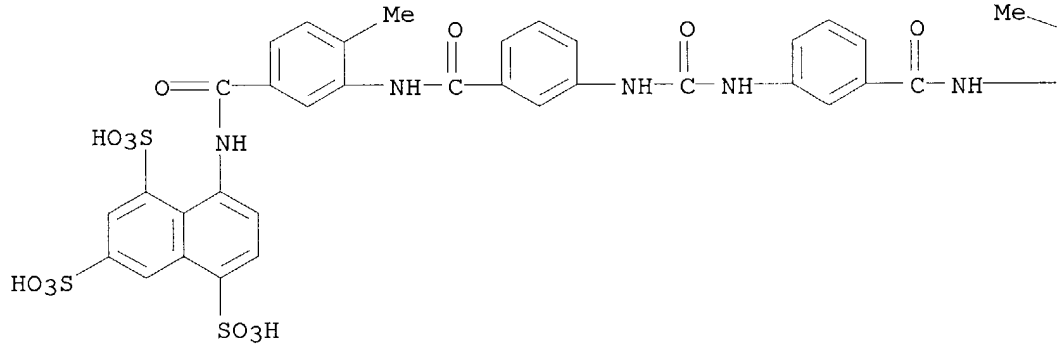
CRN 495-54-5
CMF C12 H12 N4



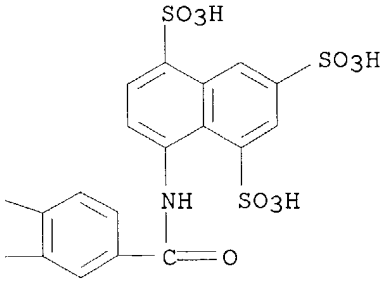
CM 2

CRN 145-63-1
CMF C51 H40 N6 O23 S6

PAGE 1-A



PAGE 1-B



ACCESSION NUMBER: CA59:8902h CAOLD
TITLE: dyes derived from substituted phthalic acids - (III) cis-Δ4-tetrahydrophthalic acid-effect of decreasing unsatn. in the phthalic acid portion of phthalein dyes

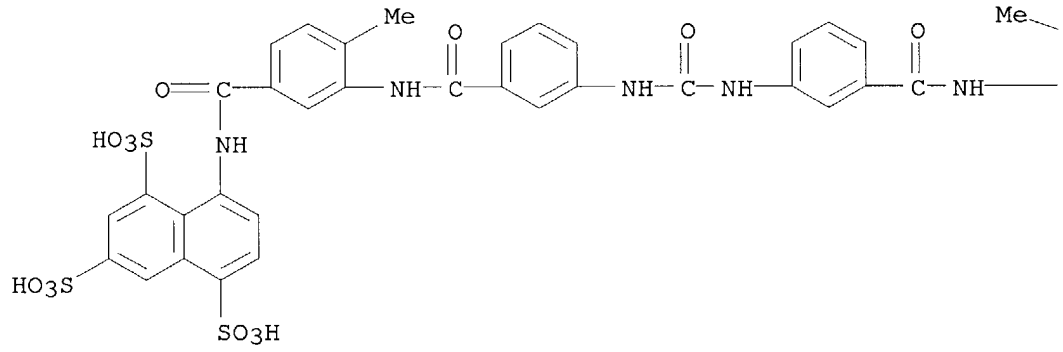
AUTHOR NAME: Loiwal, S. D.; Jain, N. C.

L4 ANSWER 14 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **90586-66-6**
RN 90586-66-6 CAOLD
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[ureylenebis[m-phenylenecarbonylimino(4-methyl-m-phenylene)carbonylimino]]di-, compd, with 7-chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]quinoline, hexasodium salt (7CI) (CA INDEX NAME)

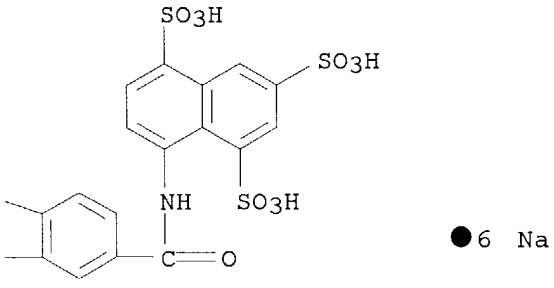
CM 1

CRN 129-46-4
CMF C51 H40 N6 O23 S6 . 6 Na

PAGE 1-A



PAGE 1-B

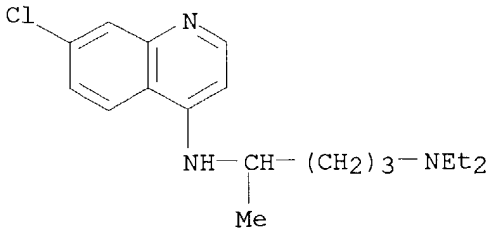


● 6 Na

CM 2

CRN 54-05-7

CMF C18 H26 Cl N3



ACCESSION NUMBER: CA57:15082d CAOLD
TITLE: suramin salt of 7-chloro-4-(5-diethylamino-2-pentylamino)quinoline
AUTHOR NAME: Baget, Jean
DOCUMENT TYPE: Patent

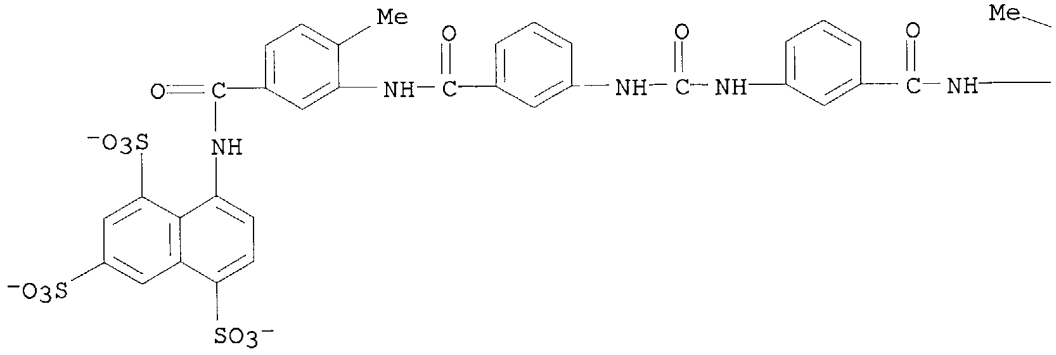
PATENT NO.	KIND	DATE
PI SU 146315		

L4 ANSWER 15 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **124108-65-2 124138-39-2**
RN 124108-65-2 CAOLD
CN Tris(2,2'-eicosamethylenediisoquinolinium) suramin salt (6CI) (CA INDEX NAME)

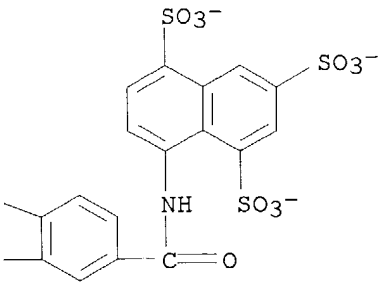
CM 1

CRN 47924-42-5
CMF C51 H34 N6 O23 S6

PAGE 1-A

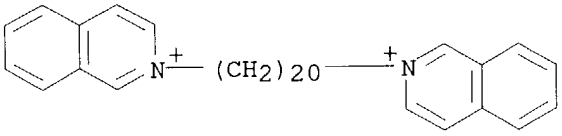


PAGE 1-B



CM 2

CRN 305-14-6
CMF C38 H54 N2

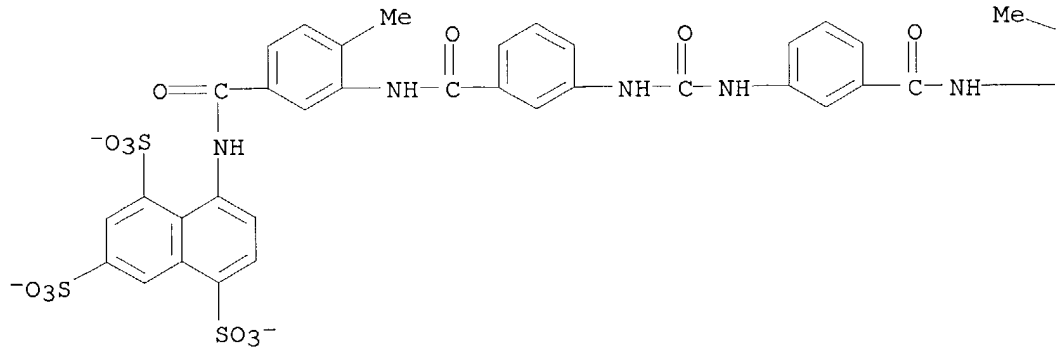


RN 124138-39-2 CAOLD
CN Tris(2,2'-docosamethylenediisoquinolinium) suramin salt (6CI) (CA INDEX NAME)

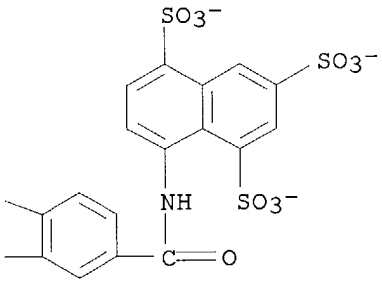
CM 1

CRN 47924-42-5
CMF C51 H34 N6 O23 S6

PAGE 1-A

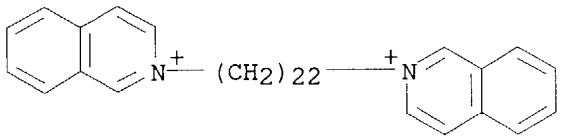


PAGE 1-B



CM 2

CRN 305-11-3
CMF C40 H58 N2



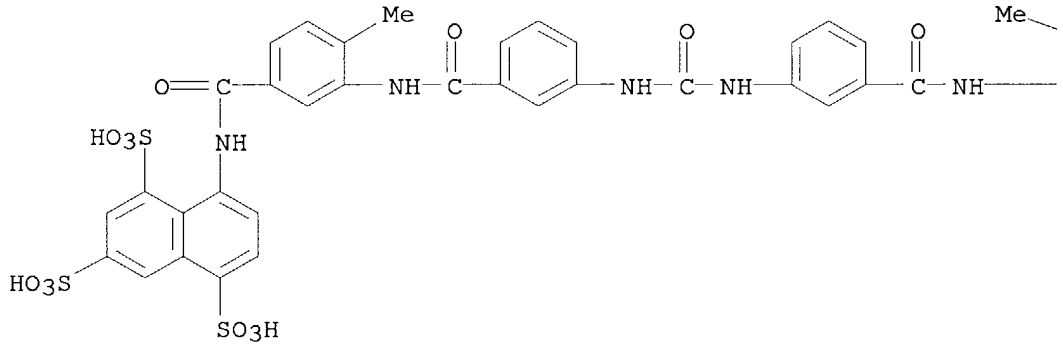
ACCESSION NUMBER: CA54:4613i CAOLD
TITLE: chemotherapeutic properties of quaternary ammonium salts - (I)
AUTHOR NAME: Austin, William C.; Lunts, L. H. C.; Potter, M. D.; Taylor,

L4 ANSWER 16 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **109189-28-8**
RN 109189-28-8 CAOLD
CN 4-Amino-1-[6-[(2-methyl-4-quinolyl)amino]hexyl]quinaldinium suramin deriv. (6CI) (CA INDEX NAME)

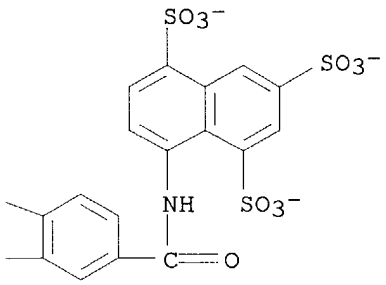
CM 1

CRN 109189-27-7
CMF C51 H37 N6 O23 S6

PAGE 1-A

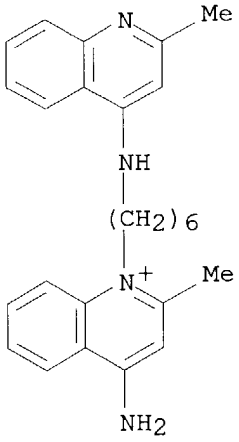


PAGE 1-B



CM 2

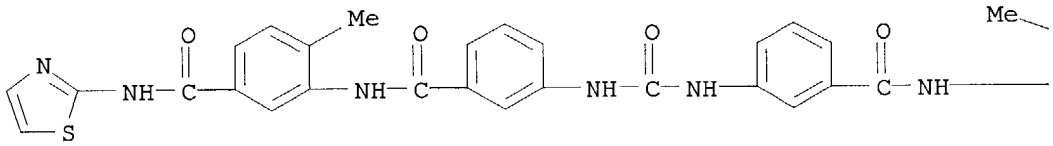
CRN 108039-37-8
CMF C26 H31 N4



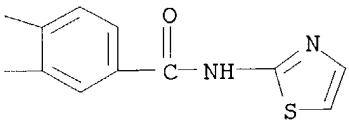
ACCESSION NUMBER: CA52:20165d CAOLD
TITLE: potential trypanocides-action of polymethylene dihalides on 4-aminoquinaldine
AUTHOR NAME: Austin, William C.; Potter, M. D.; Taylor, E. P.

L4 ANSWER 17 OF 17 CAOLD COPYRIGHT 2004 ACS on STN
IT **104510-52-3 104622-54-0 107621-46-5**
107621-90-9 108843-80-7 108977-14-6
110395-68-1 111240-88-1 112717-77-8
115020-63-8
RN 104510-52-3 CAOLD
CN Carbanilide, 3,3'-bis[[5-(2-thiazolylcarbamoyl)-o-tolyl]carbamoyl]- (6CI) (CA INDEX NAME)

PAGE 1-A

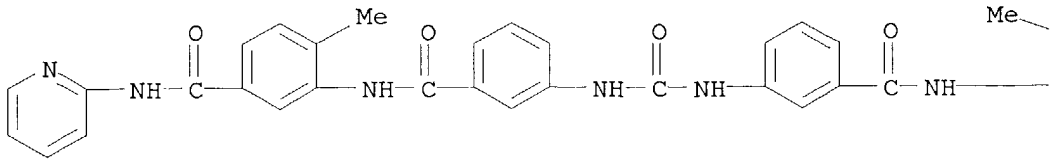


PAGE 1-B

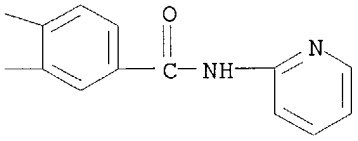


RN 104622-54-0 CAOLD
CN Carbanilide, 3,3'-bis[[5-(2-pyridylcarbamoyl)-o-tolyl]carbamoyl]- (6CI) (CA INDEX NAME)

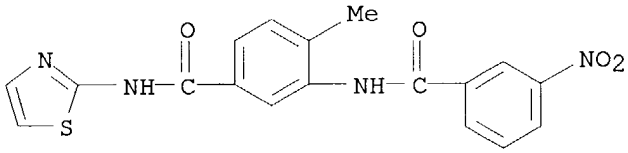
PAGE 1-A



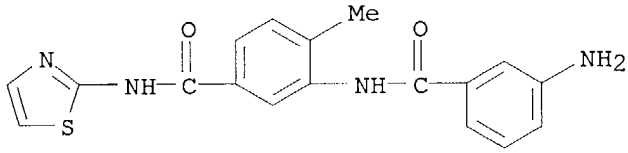
PAGE 1-B



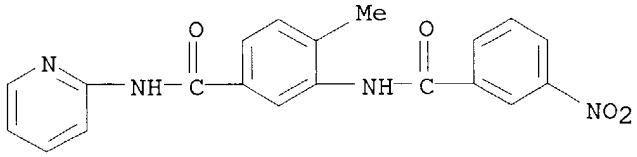
RN 107621-46-5 CAOLD
CN p-Toluamide, 3-m-nitrobenzamido-N-2-thiazolyl- (6CI) (CA INDEX NAME)



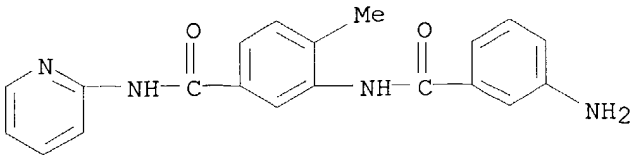
RN 107621-90-9 CAOLD
CN p-Toluamide, 3-(m-aminobenzamido)-N-2-thiazolyl- (6CI) (CA INDEX NAME)



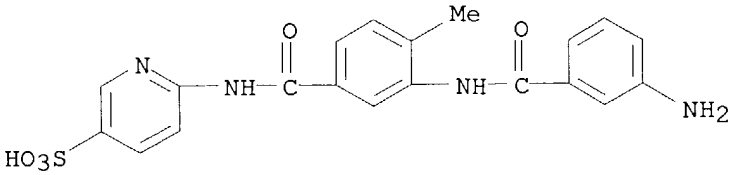
RN 108843-80-7 CAOLD
CN p-Toluamide, 3-m-nitrobenzamido-N-2-pyridyl- (6CI) (CA INDEX NAME)



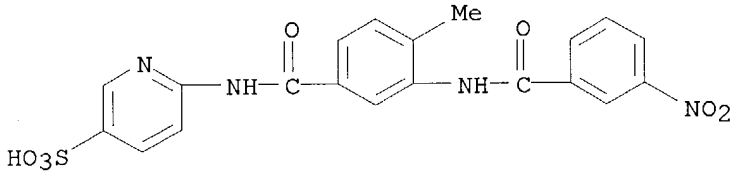
RN 108977-14-6 CAOLD
CN p-Toluamide, 3-(m-aminobenzamido)-N-2-pyridyl- (6CI) (CA INDEX NAME)



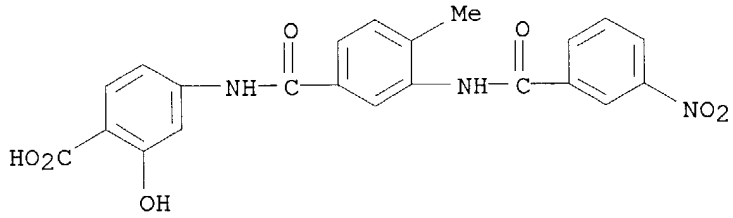
RN 110395-68-1 CAOLD
CN 3-Pyridinesulfonic acid, 6-[3-(m-aminobenzamido)-p-toluamido]- (6CI) (CA INDEX NAME)



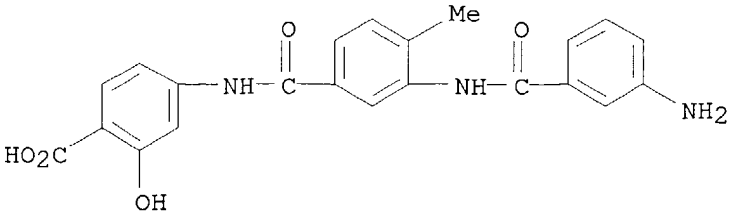
RN 111240-88-1 CAOLD
CN 3-Pyridinesulfonic acid, 6-(3-m-nitrobenzamido-p-toluamido)- (6CI) (CA INDEX NAME)



RN 112717-77-8 CAOLD
CN Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)- (6CI) (CA INDEX NAME)



RN 115020-63-8 CAOLD
CN Salicylic acid, 4-[3-(m-aminobenzamido)-p-toluamido]- (6CI) (CA INDEX NAME)



ACCESSION NUMBER: CA51:5068c CAOLD
TITLE: trypanocides - (III) analogs of suramin
AUTHOR NAME: Adams, Arthur; Ashley, J. N.; Bader, H.

=> file caplus
FILE 'CAPLUS' ENTERED AT 13:02:32 ON 20 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 20 May 2004 VOL 140 ISS 21
FILE LAST UPDATED: 19 May 2004 (20040519/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L5 1722 L3

=> d scan

L5 1722 ANSWERS CAPLUS COPYRIGHT 2004 ACS on STN
CC 7-2 (Enzymes)
TI Substrate specificity and inhibitor studies of a membrane-bound ganglioside sialidase isolated from human brain tissue
ST ganglioside sialidase membrane brain substrate specificity inhibition
IT Brain
Human
(characterization of membrane-bound ganglioside sialidase isolated from human brain tissue addresses substrate specificity and inhibitor)
IT Gangliosides
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(characterization of membrane-bound ganglioside sialidase isolated from human brain tissue addresses substrate specificity and inhibitor)

IT Glycosaminoglycans, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(inhibitor activity; characterization of membrane-bound ganglioside sialidase isolated from human brain tissue addresses substrate specificity and inhibitor)
IT 9001-67-6P, Neuraminidase
RL: BSU (Biological study, unclassified); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)
(characterization of membrane-bound ganglioside sialidase isolated from human brain tissue addresses substrate specificity and inhibitor activity)
IT 7439-89-6, Iron, biological studies 7439-97-6, Mercury, biological studies 7440-50-8, Copper, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(inhibitor activity; characterization of membrane-bound ganglioside sialidase isolated from human brain tissue addresses substrate specificity and inhibitor)
IT **145-63-1**, Suramin 9005-49-6, Heparin, biological studies 9042-14-2, Dextran sulfate 9050-30-0, Heparan sulfate 24967-27-9, 2-Deoxy-2,3-dehydro-N-acetylneuraminic acid 24967-93-9, Chondroitin sulfate A 24967-94-0, Chondroitin sulfate B 139110-80-8, Zanamivir
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(inhibitor activity; characterization of membrane-bound ganglioside sialidase isolated from human brain tissue addresses substrate specificity and inhibitor activity)
IT 89678-50-2, Ganglioside GM3 104443-58-5, Ganglioside GT1b 104443-59-6, Ganglioside GD1a 104443-60-9, Ganglioside GD1b 104443-61-0, Ganglioside GD3 105054-68-0, Ganglioside GM4 105732-59-0, Ganglioside GQ1b 107371-09-5, Ganglioside GD2 169741-32-6, Ganglioside lyso GM3 586400-39-7, Lyso GD1a
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(membrane-bound ganglioside sialidase from human brain tissue desialylates gangliosides containing sialic acid residues in terminal position)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L5 1722 ANSWERS CAPLUS COPYRIGHT 2004 ACS on STN
CC 14-0 (Mammalian Pathological Biochemistry)
TI Inhibition of scrapie prion propagation
ST review prion disease scrapie protein suramin; chem chaperone prion disease scrapie protein review; DOSPA prion disease scrapie protein review
IT Prion proteins
RL: ADV (Adverse effect, including toxicity); BSU (Biological study, unclassified); BIOL (Biological study)
(PrPSc; inhibition of scrapie prion propagation)
IT Stabilizing agents
(chemical chaperones; inhibition of scrapie prion propagation)
IT Prion diseases
(inhibition of scrapie prion propagation)
IT **145-63-1**, Suramin 168479-03-6, DOSPA
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(inhibition of scrapie prion propagation)

L5 1722 ANSWERS CAPLUS COPYRIGHT 2004 ACS on STN
CC 1-11 (Pharmacology)
Section cross-reference(s): 14
TI Effects of purinergic and adrenergic antagonists in a rat model of painful

peripheral neuropathy
ST adrenoceptor purinoceptor blocker phentolamine neuropathic pain; suramin allodynia sympathetic system neuropathic behavior
IT Adrenoceptor antagonists
Drug interactions
Purinoceptor antagonists
(adrenoceptor purinoceptor blocker in neuropathic pain.)
IT Pain
Skin, disease
(allodynia, mech; adrenoceptor purinoceptor blocker in neuropathic pain.)
IT Behavior
(neuropathic; adrenoceptor purinoceptor blocker in neuropathic pain.)
IT Nerve, disease
(peripheral neuropathy; adrenoceptor purinoceptor blocker in neuropathic pain.)
IT Nervous system
(sympathetic; adrenoceptor purinoceptor blocker in neuropathic pain.)
IT 65-28-1, Phentolamine mesylate **129-46-4**, Suramin hexasodium
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(adrenoceptor purinoceptor blocker in neuropathic pain.)
IT 56-65-5, ATP, biological studies
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(adrenoceptor purinoceptor blocker in neuropathic pain.)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:.
STN INTERNATIONAL LOGOFF AT 13:08:47 ON 20 MAY 2004

09/762,106 Thomas McKenzie

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1611txm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN

NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:27:16 ON 20 MAY 2004

=> ile reg
ILE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> file reg
FILE 'REGISTRY' ENTERED AT 13:27:26 ON 20 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 19 MAY 2004 HIGHEST RN 683745-80-4
DICTIONARY FILE UPDATES: 19 MAY 2004 HIGHEST RN 683745-80-4

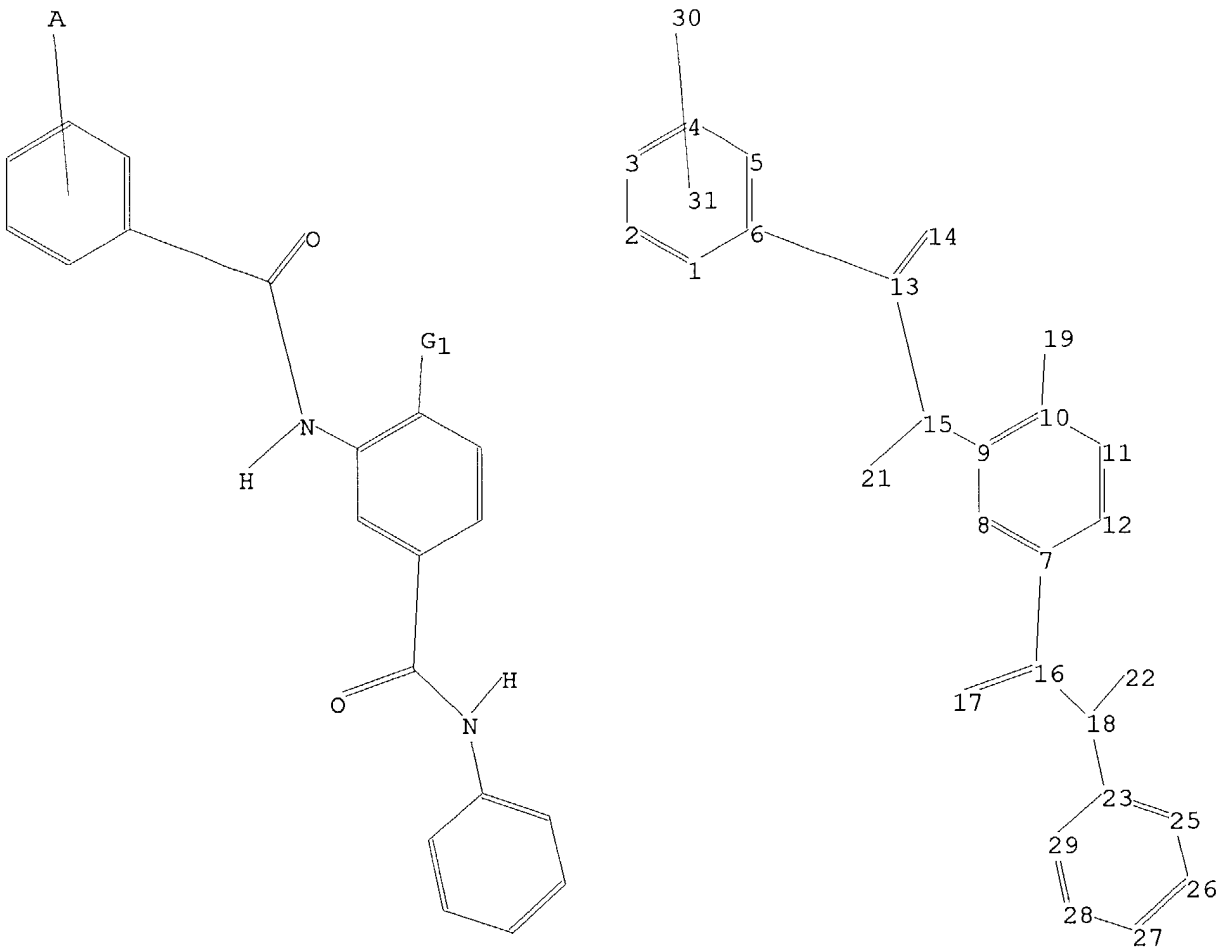
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\09762106.str



chain nodes :
13 14 15 16 17 18 19 21 22 30
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 23 25 26 27 28 29
chain bonds :
6-13 7-16 9-15 10-19 13-14 13-15 15-21 16-17 16-18 18-22 18-23
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 23-25 23-29
25-26 26-27 27-28 28-29
exact/norm bonds :
9-15 10-19 13-14 13-15 16-17 16-18 18-23
exact bonds :
6-13 7-16 15-21 18-22
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 23-25 23-29
25-26 26-27 27-28 28-29
isolated ring systems :
containing 1 : 7 : 23 :

G1:CH3,Cl

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 21:CLASS 22:CLASS 23:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
30:CLASS 31:CLASS

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 13:27:48 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 60 TO ITERATE

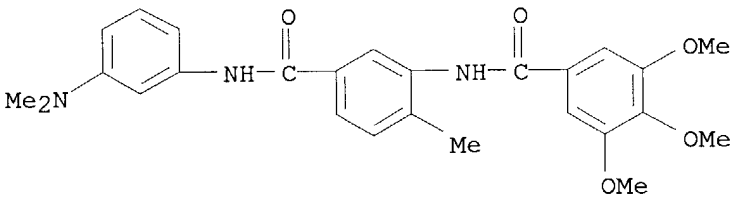
100.0% PROCESSED 60 ITERATIONS 8 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 736 TO 1664
PROJECTED ANSWERS: 8 TO 329

L2 8 SEA SSS SAM L1

=> d scan

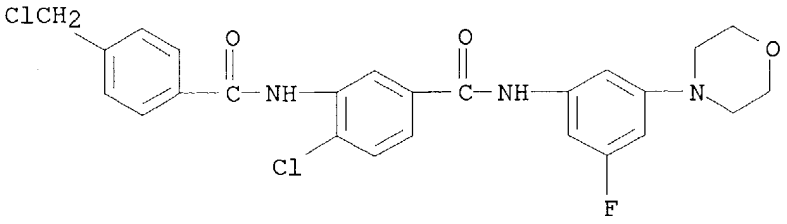
L2 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzamide, N-[5-[[[3-(dimethylamino)phenyl]amino]carbonyl]-2-methylphenyl]-3,4,5-trimethoxy- (9CI)
MF C26 H29 N3 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

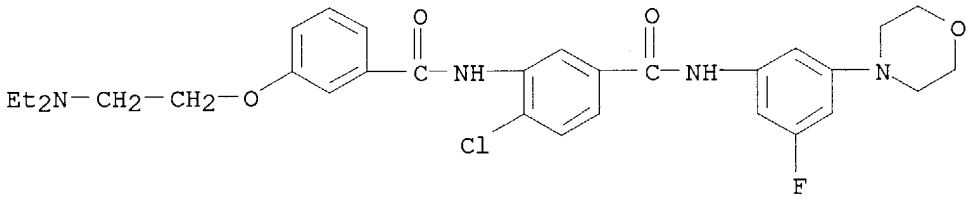
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L2 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzamide, 4-chloro-3-[[4-(chloromethyl)benzoyl]amino]-N-[3-fluoro-5-(4-morpholinyl)phenyl]- (9CI)
MF C25 H22 Cl2 F N3 O3



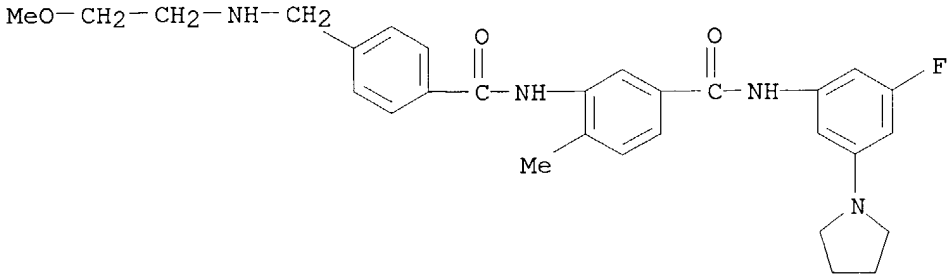
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzamide, 4-chloro-3-[[3-[2-(diethylamino)ethoxy]benzoyl]amino]-N-[3-fluoro-5-(4-morpholinyl)phenyl]- (9CI)
MF C30 H34 Cl F N4 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzamide, N-[3-fluoro-5-(1-pyrrolidinyl)phenyl]-3-[[4-[[(2-methoxyethyl)amino]methyl]benzoyl]amino]-4-methyl- (9CI)
MF C29 H33 F N4 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

```
=> s l1 full
FULL SEARCH INITIATED 13:28:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   1145 TO ITERATE

100.0% PROCESSED    1145 ITERATIONS                          163 ANSWERS
SEARCH TIME: 00.00.01

L3          163 SEA SSS FUL L1

=> file caplus
FILE 'CAPLUS' ENTERED AT 13:28:33 ON 20 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
```



```
FILE COVERS 1907 - 20 May 2004  VOL 140 ISS 21
FILE LAST UPDATED: 19 May 2004  (20040519/ED)

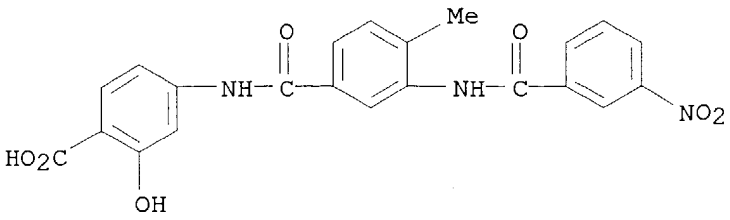
  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> s l3
L4          21 L3

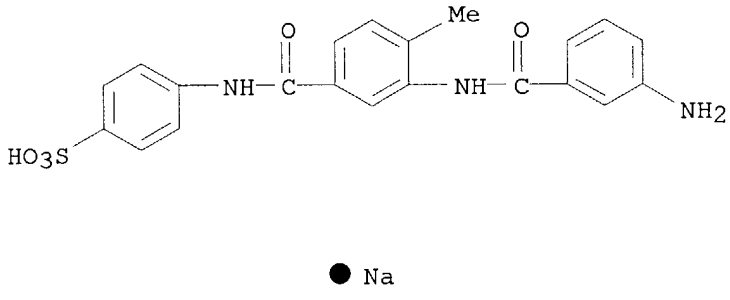
=> sort py l4
SORT ENTIRE ANSWER SET? (Y)/N:.
PROCESSING COMPLETED FOR L4
L5           21 SORT L4 PY

=> d 1-10 cbib pi fhitstr

L5   ANSWER 1 OF 21  CAPLUS  COPYRIGHT 2004 ACS on STN
1957:25524   Document No. 51:25524  Original Reference No. 51:5068c-i,5069a-d
     Search for trypanocides. III. Analogs of suramin.  Adams, A.; Ashley, J.
     N.; Bader, H. (May & Baker Ltd., Dagenham, UK).  Journal of the Chemical
     Society, Abstracts 3739-44 (Unavailable) 1956.  CODEN: JCSAAZ.  ISSN:
     0590-9791.
IT   112717-77-8, Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)-
        (preparation of)
RN   112717-77-8  CAPLUS
CN   Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)- (6CI)  (CA INDEX NAME)
```



L5 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1968:434327 Document No. 69:34327 Inhibition of staphylococcal α-toxin. The effect of aromatic polysulfonic acids on the lethal effect of α-toxin in mice. Arbuthnott, J. P.; Lominski, I. R. W.; Wright, Margaret Robson (Anderson Coll., Glasgow, UK). Biochemical Journal, 108(1), 49-55 (English) 1968. CODEN: BIJOAK. ISSN: 0264-6021.
IT **17804-52-3**
RL: BIOL (Biological study)
(staphylococci α-toxin lethal action inhibition by)
RN 17804-52-3 CAPLUS
CN Benzenesulfonic acid, 4-[[3-[(3-aminobenzoyl)amino]-4-methylbenzoyl]amino]-, monosodium salt (9CI) (CA INDEX NAME)



● Na

L5 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1973:99069 Document No. 78:99069 Azo dyes for color photography. Piller, Bernhard; Lenoir, John; Froehlich, Alfred; Stauner, Thomas; Tschopp, Paul (Ciba-Geigy A.-G.). Ger. Offen. DE 2216592 19721019, 104 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1972-2216592 19720406.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2216592	A	19721019	DE 1972-2216592	19720406
	DE 2216592	C2	19820930		
	CH 572230	A	19760130	CH 1971-5058	19710407
	CH 566029	A	19750829	CH 1971-7208	19710514
	CH 572231	A	19760130	CH 1971-13605	19710916
	AU 7240352	A1	19730927	AU 1972-40352	19720323
	AU 7240651	A1	19731004	AU 1972-40651	19720330
	CA 985675	A1	19760316	CA 1972-138612	19720330
	CA 987310	A1	19760413	CA 1972-138614	19720330
	IT 958676	A	19731030	IT 1972-89526	19720405
	IT 958675	A	19731030	IT 1972-89525	19720405
	GB 1372448	A	19741030	GB 1972-15612	19720405

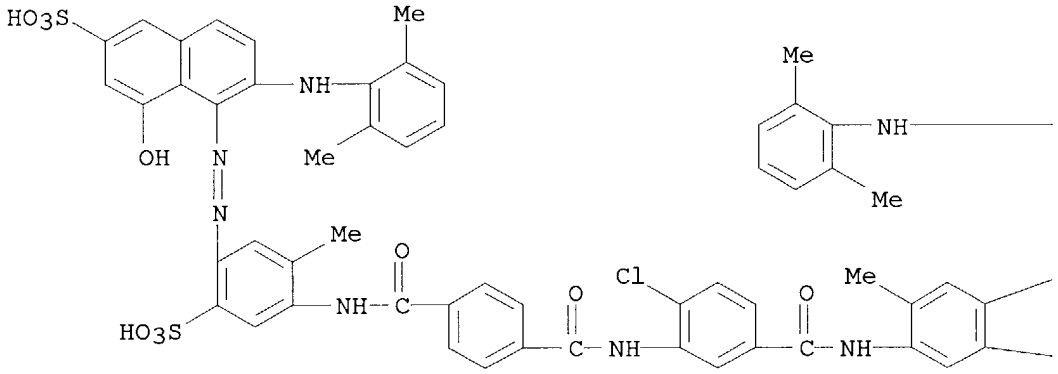
BE 781729	A1	19721006	BE 1972-115989	19720406
BE 781728	A1	19721006	BE 1972-115988	19720406
NL 7204616	A	19721010	NL 1972-4616	19720406
NL 7204615	A	19721010	NL 1972-4615	19720406
FR 2132697	A5	19721124	FR 1972-12026	19720406
FR 2132697	B1	19740913		
FR 2132734	A5	19721124	FR 1972-12183	19720406
FR 2132734	B1	19740802		
JP 56011941	B4	19810318	JP 1972-33985	19720406
AT 317672	B	19740910	AT 1972-3022	19720407
JP 56011942	B4	19810318	JP 1972-34511	19720407
US 4118232	A	19781003	US 1977-777867	19770315

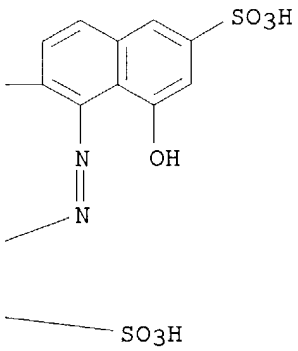
IT **38359-32-9**
RL: USES (Uses)
(photog. sensitization maximum of)

RN 38359-32-9 CAPLUS

CN 2-Naphthalenesulfonic acid, 5-[[4-[[4-chloro-3-[[4-[[[4-[[2-[(2,6-dimethylphenyl)amino]-8-hydroxy-6-sulfo-1-naphthalenyl]azo]-2-methyl-5-sulfophenyl]amino]carbonyl]benzoyl]amino]benzoyl]amino]-5-methyl-2-sulfophenyl]azo]-4-hydroxy-6-[(2,6-dimethylphenyl)amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



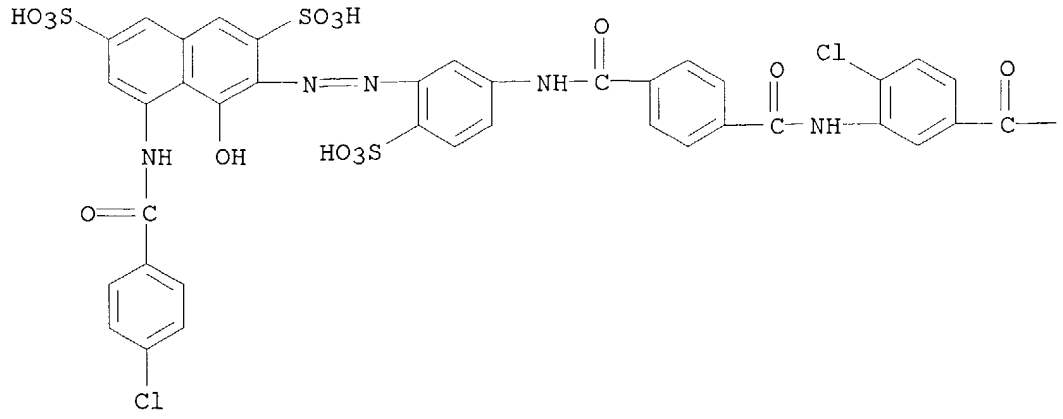


L5 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1973:85913 Document No. 78:85913 Azo dyes for use in photographic materials. Piller, Bernhard; Lenoir, John; Froehlich, Alfred; Stauner, Thomas; Tschopp, Paul (Ciba-Geigy A.-G.). Ger. Offen. DE 2223311 19721130, 75 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1972-2223311 19720512.

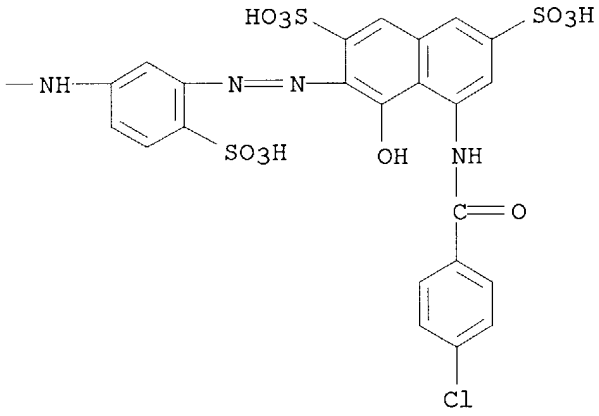
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2223311	A	19721130	DE 1972-2223311	19720512
	CH 566029	A	19750829	CH 1971-7208	19710514
	GB 1377697	A	19741218	GB 1972-14741	19720329
	CA 987309	A1	19760413	CA 1972-138613	19720330
	GB 1384162	A	19750219	GB 1972-20544	19720503
	FR 2137637	A5	19721229	FR 1972-16407	19720508
	BE 783388	A1	19721113	BE 1972-117413	19720512
	IT 957826	A	19731020	IT 1972-50209	19720512
	AT 321718	B	19750410	AT 1972-4144	19720512
	JP 55029419	B4	19800804	JP 1972-47584	19720513
	US 4118232	A	19781003	US 1977-777867	19770315

IT **41211-50-1**
RL: USES (Uses)
(photographic sensitization maximum of)
RN 41211-50-1 CAPLUS
CN 2,7-Naphthalenedisulfonic acid, 5-[(4-chlorobenzoyl)amino]-3-[[5-[[4-chloro-3-[[4-[[[3-[[8-[(4-chlorobenzoyl)amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]-4-sulfophenyl]amino]carbonyl]benzoyl]amino]benzoyl]amino]-2-sulfophenyl]azo]-4-hydroxy- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L5 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1973:45073 Document No. 78:45073 Azo dyes for photographic materials.
Piller, Bernhard; Lenoir, John; Froehlich, Alfred; Stauner, Thomas; Tschopp, Paul (Ciba-Geigy A.-G.). Ger. Offen. DE 2216620 19721102, 73 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1972-2216620 19720406.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2216620	A	19721102	DE 1972-2216620	19720406
	DE 2216620	C2	19820401		
	CH 572230	A	19760130	CH 1971-5058	19710407
	CH 566029	A	19750829	CH 1971-7208	19710514
	CH 572231	A	19760130	CH 1971-13605	19710916
	AU 7240352	A1	19730927	AU 1972-40352	19720323
	AU 7240651	A1	19731004	AU 1972-40651	19720330
	CA 985675	A1	19760316	CA 1972-138612	19720330
	CA 987310	A1	19760413	CA 1972-138614	19720330

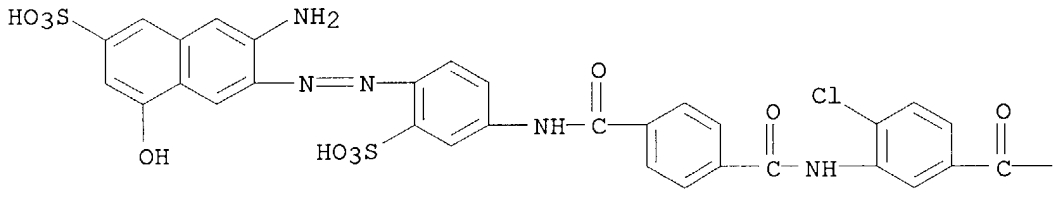
IT 958676	A	19731030	IT 1972-89526	19720405
IT 958675	A	19731030	IT 1972-89525	19720405
GB 1372448	A	19741030	GB 1972-15612	19720405
BE 781729	A1	19721006	BE 1972-115989	19720406
BE 781728	A1	19721006	BE 1972-115988	19720406
NL 7204616	A	19721010	NL 1972-4616	19720406
NL 7204615	A	19721010	NL 1972-4615	19720406
FR 2132697	A5	19721124	FR 1972-12026	19720406
FR 2132697	B1	19740913		
FR 2132734	A5	19721124	FR 1972-12183	19720406
FR 2132734	B1	19740802		
JP 56011941	B4	19810318	JP 1972-33985	19720406
AT 317672	B	19740910	AT 1972-3022	19720407
JP 56011942	B4	19810318	JP 1972-34511	19720407
US 4118232	A	19781003	US 1977-777867	19770315

IT **40873-18-5**
RL: USES (Uses)
(photog. sensitization maximum of)

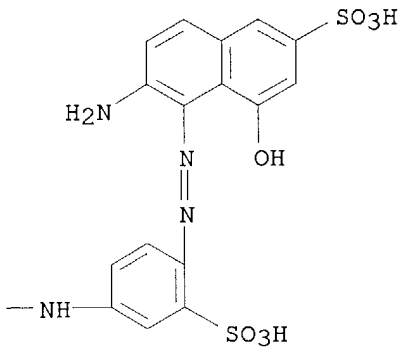
RN 40873-18-5 CAPLUS

CN 2-Naphthalenesulfonic acid, 6-amino-5-[[4-[[3-[[4-[[[4-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-3-sulfophenyl]amino]carbonyl]benzoyl]amino]-4-chlorobenzoyl]amino]-2-sulfophenyl]azo]-4-hydroxy- (9CI) (CA INDEX NAME)

PAGE 1-A

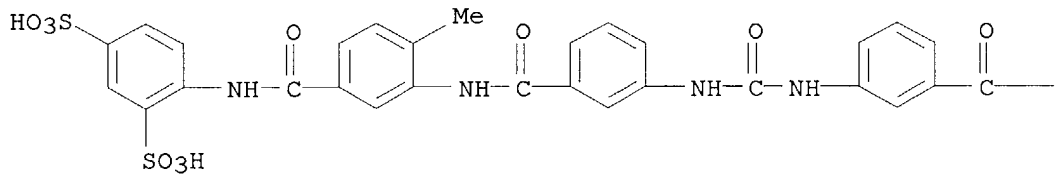


PAGE 1-B



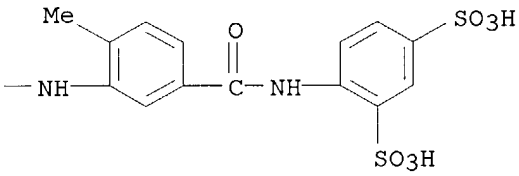
L5 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1987:590405 Document No. 107:190405 Inhibition of human immunodeficiency virus type I reverse transcriptase by suramin-related compounds. Jentsch, Klaus Dieter; Hunsmann, Gerhard; Hartmann, Heinz; Nickel, Peter (Abt. Virol. Immunol., Dtsch. Primatenzent., Goettingen, D-3400, Fed. Rep. Ger.). Journal of General Virology, 68(8), 2183-92 (English) 1987. CODEN: JGVIAY. ISSN: 0022-1317.
IT **111129-22-7**
RL: BIOL (Biological study)
(human immunodeficiency virus reverse transcriptase inhibition by)
RN 111129-22-7 CAPLUS
CN 1,3-Benzenedisulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



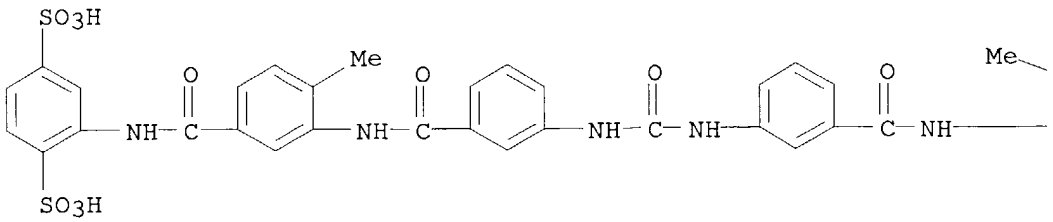
●4 Na

PAGE 1-B

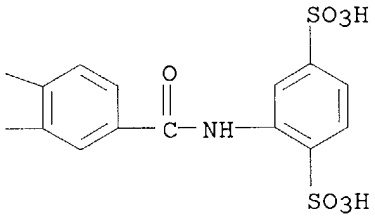


L5 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1992:439783 Document No. 117:39783 Naphthalenesulfonic acid derivatives as potential anti-HIV-1 agents. Chemistry, biology and molecular modeling of their inhibition of reverse transcriptase. Mohan, P.; Hopfinger, A. J.; Baba, M. (Coll. Pharm., Univ. Illinois, Chicago, IL, 60680, USA). Antiviral Chemistry & Chemotherapy, 2(4), 215-22 (English) 1991. CODEN: ACCHEH. ISSN: 0956-3202.
IT **138967-73-4**
RL: BIOL (Biological study)
(conformational anal. of, anti-HIV-1 reverse transcriptase activity in relation to)
RN 138967-73-4 CAPLUS
CN 1,4-Benzenedisulfonic acid, 2,2'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

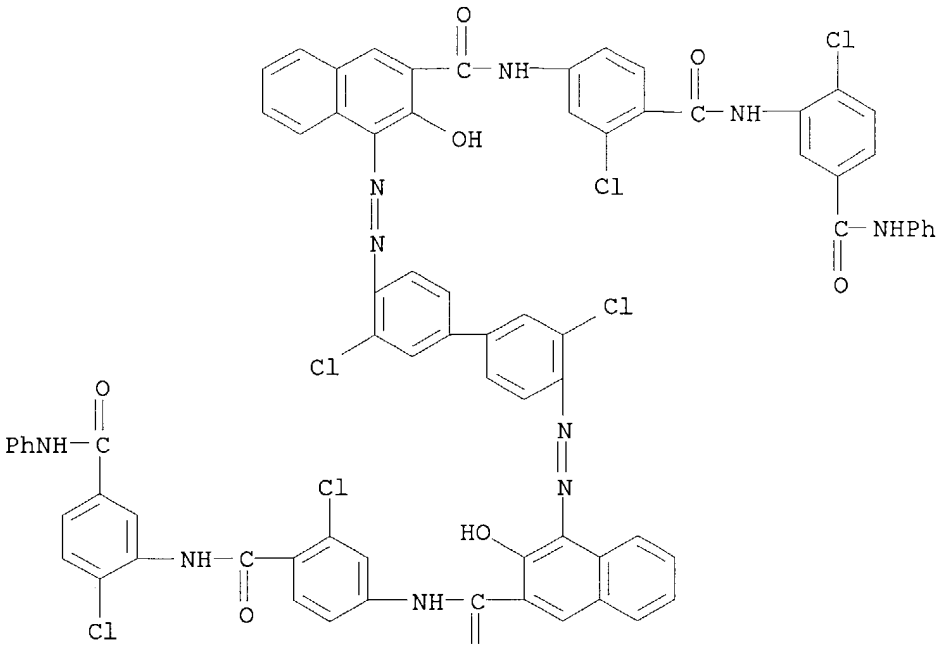


L5 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1992:623071 Document No. 117:223071 Electrophotographic photoreceptors using novel azo compound as carrier-generating agent. Kono, Toshio; Suda, Osamu; Umezaki, Tetsuhiro; Higashide, Kazuhiro; Komiyama, Nakaji; Sekino, Toshifumi; Hasegawa, Masaru (Dainichiseika Color and Chemicals Mfg. Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 04149448 A2 19920522 Heisei, 9 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1990-272478 19901012.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04149448	A2	19920522	JP 1990-272478	19901012
	JP 2903339	B2	19990607		
	US 5344736	A	19940906	US 1993-25170	19930302

IT **143886-21-9**
RL: USES (Uses)
(carrier-generating agent, electrophotog. photoreceptor using)
RN 143886-21-9 CAPLUS
CN 2-Naphthalenecarboxamide, 4,4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-[3-chloro-4-[[[2-chloro-5-[(phenylamino)carbonyl]phenyl]amino]carbonyl]phenyl]-3-hydroxy- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

L5 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1993:486066 Document No. 119:86066 Use of suramine and related compounds as contraceptive agents. Jones, Robert (British Technology Group Ltd., UK). PCT Int. Appl. WO 9307864 A1 19930429, 21 pp. DESIGNATED STATES: W: AU, CA, JP, KR, US; RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1992-GB1925 19921020. PRIORITY: GB 1991-22477 19911023; GB 1991-24789 19911121.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9307864	A1	19930429	WO 1992-GB1925	19921020
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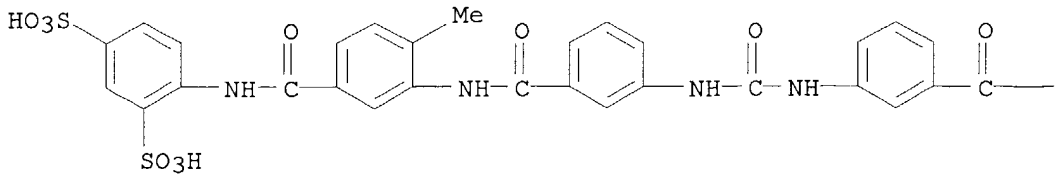
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	GB 2260701	A1	19930428	GB 1992-21968	19921020
	AU 9227908	A1	19930521	AU 1992-27908	19921020

IT **111129-22-7**
RL: BIOL (Biological study)
(contraceptive agent)
RN 111129-22-7 CAPLUS
CN 1,3-Benzenedisulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



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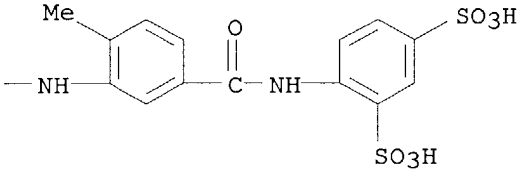
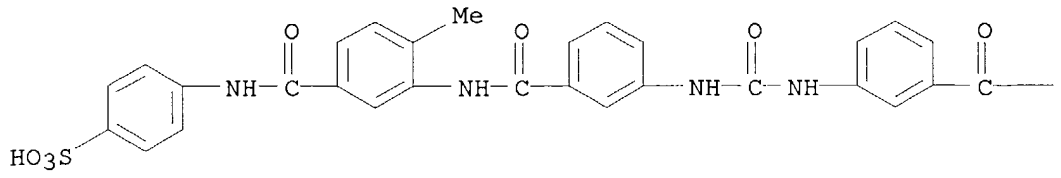
PAGE 1-B



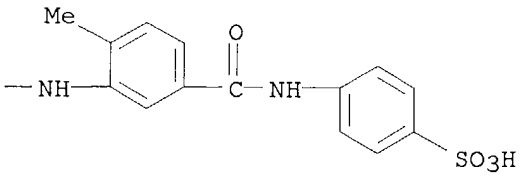
L5 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1995:916206 Document No. 124:44745 Antiproliferative and angiostatic activity of suramin analogs. Firsching, Angela; Nickel, Peter; Mora, Patricia; Allolio, Bruno (Medizinische Universitatsklinik Wuerzburg, Pharmazeutisches Instit Universitat Bonn, Bonn, 53121, Germany). Cancer Research, 55(21), 4957-61 (English) 1995. CODEN: CNREA8. ISSN: 0008-5472. Publisher: American Association for Cancer Research.
IT **20716-59-0**, NF 062
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(suramin analog antiproliferative and angiostatic activity)
RN 20716-59-0 CAPLUS
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

PAGE 1-B



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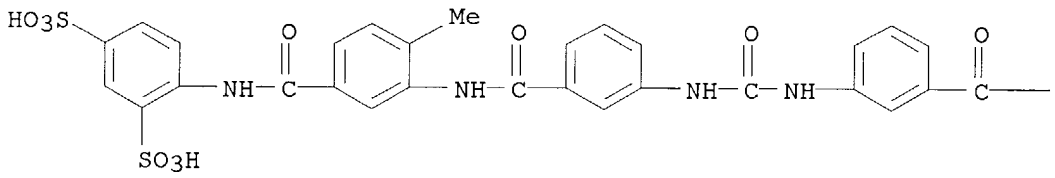
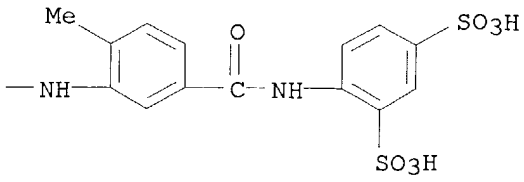
L5 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1996:651032 Document No. 125:317698 Inhibition of sperm-zona binding by suramin, a potential "lead" compound for design of new anti-fertility agents. Jones, Roy; Parry, Richard; Lo Leggio, Leila; Nickel, Peter (Department Signalling, Babraham Institute, Cambridge, CB2 4AT, UK). Molecular Human Reproduction, 2(8), 597-605 (English) 1996. CODEN: MHREFD. ISSN: 1360-9947. Publisher: Oxford University Press.
IT **111129-22-7**, NF 065
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(suramin inhibition of sperm-zona binding and design of new antifertility agents)
RN 111129-22-7 CAPLUS
CN 1,3-Benzenedisulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●4 Na

PAGE 1-B



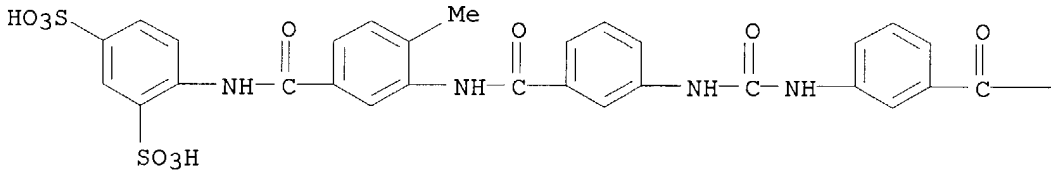
L5 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1998:579476 Document No. 129:297991 A trypanosome oligopeptidase as a target for the trypanocidal agents pentamidine, diminazene and suramin. Morty, Rory E.; Troeberg, Linda; Pike, Robert N.; Jones, Roy; Nickel, Peter; Lonsdale-Eccles, John D.; Coetzer, Theresa H. T. (Department of Biochemistry, University of Natal, Scottsville, 3209, S. Afr.). FEBS Letters, 433(3), 251-256 (English) 1998. CODEN: FEBLAL. ISSN: 0014-5793. Publisher: Elsevier Science B.V..

IT **111129-22-7**, NF065
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(trypanosome oligopeptidase as a target for the trypanocidal agents pentamidine, diminazene and suramin)

RN 111129-22-7 CAPLUS

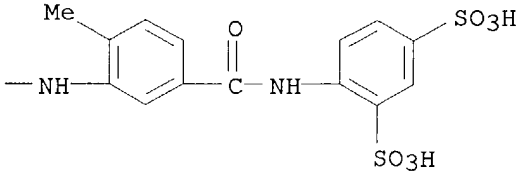
CN 1,3-Benzenedisulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



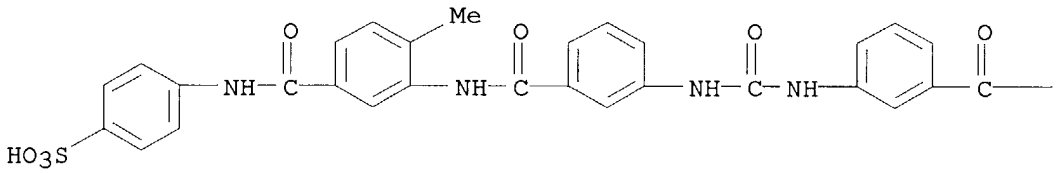
●4 Na

PAGE 1-B



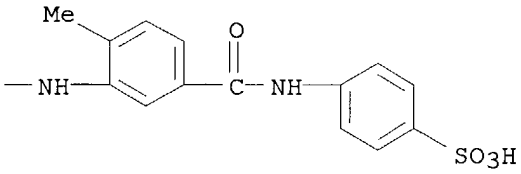
L5 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1998:56108 Document No. 128:162545 Antiangiogenic and antiproliferative activity of suramin analogs. Gagliardi, Antonio R. T.; Kassack, Matthias; Kreimeyer, Annett; Muller Guido; Nickel, Peter; Collins, Delwood C. (VA Medical Center, Department Obstetrics/Gynecology, College Medicine, University Kentucky, Lexington, KY, 40536, USA). Cancer Chemotherapy and Pharmacology, 41(2), 117-124 (English) 1998. CODEN: CCPHDZ. ISSN: 0344-5704. Publisher: Springer-Verlag.
IT **20716-59-0**, NF 062
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(NF 062; antiangiogenic and antiproliferative activity of suramin analogs)
RN 20716-59-0 CAPLUS
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

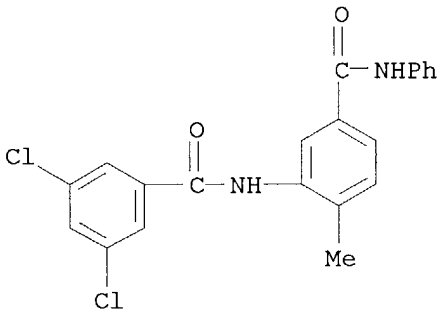
PAGE 1-B



L5 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1999:421639 Document No. 131:58657 Thiourea and benzamide compounds, compositions and methods of treating or preventing inflammatory diseases and atherosclerosis. Connor, David Thomas; Roark, William Howard; Sexton, Karen; Sorenson, Roderick Joseph (Warner-Lambert Company, USA). PCT Int. Appl. WO 9932433 A1 19990701, 226 pp. DESIGNATED STATES: W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1998-US24688 19981120. PRIORITY: US 1997-68604 19971223.
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO 9932433	A1	19990701	WO 1998-US24688	19981120
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2300197	AA	19990701	CA 1998-2300197	19981120
	AU 9915297	A1	19990712	AU 1999-15297	19981120
	BR 9814327	A	20001003	BR 1998-14327	19981120
	EP 1042276	A1	20001011	EP 1998-959510	19981120
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001526255	T2	20011218	JP 2000-525370	19981120
	NZ 502963	A	20020628	NZ 1998-502963	19981120
	ZA 9811805	A	19990629	ZA 1998-11805	19981222
	MX 200001870	A	20001109	MX 2000-1870	20000223
	US 6268387	B1	20010731	US 2000-529135	20000405
	US 2001031874	A1	20011018	US 2001-858089	20010515
	US 6528528	B2	20030304		

IT **228424-99-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of thiourea and benzamide compds. for treating or preventing inflammatory diseases and atherosclerosis)
RN 228424-99-5 CAPLUS
CN Benzamide, 3-[(3,5-dichlorobenzoyl)amino]-4-methyl-N-phenyl- (9CI) (CA INDEX NAME)



L5 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1999:96248 Document No. 130:148689 Phosphonated agents and their antiangiogenic and antitumorigenic use. Collins, Delwood C.; Gagliardi, Antonio R.; Nickel, Peter (University of Kentucky Research Foundation, USA). PCT Int. Appl. WO 9905148 A1 19990204, 74 pp. DESIGNATED STATES: W: AU, CA, JP, MX; RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1998-US15470 19980724. PRIORITY: US 1997-899996 19970724.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9905148	A1	19990204	WO 1998-US15470	19980724

W: AU, CA, JP, MX
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

AU 9885915	A1	19990216	AU 1998-85915	19980724
AU 739637	B2	20011018		
EP 1019419	A1	20000719	EP 1998-937133	19980724

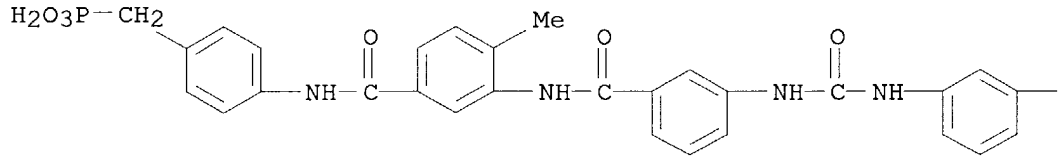
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

IT **220240-03-9**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(phosphonic acid agents and their antiangiogenic and antitumorigenic use)

RN 220240-03-9 CAPLUS

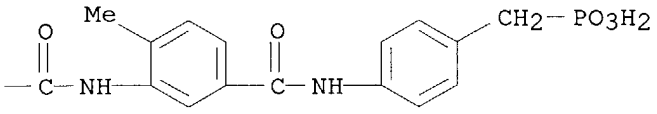
CN Phosphonic acid, [carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino-4,1-phenylenemethylene]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

PAGE 1-B



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L5 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
2000:666727 Document No. 133:252450 Preparation of 3-(3-amidophenyl)-3,4-dihydroquinazolin-4-ones for treating diseases mediated by cytokines. Brown, Dearg Sutherland (Astrazeneca AB, Swed.). PCT Int. Appl. WO 2000055153 A1 20000921, 145 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC,

ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2.
APPLICATION: WO 2000-GB912 20000313. PRIORITY: GB 1999-6279 19990317; GB 1999-26667 19991111.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000055153	A1	20000921	WO 2000-GB912	20000313
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1163237	A1	20011219	EP 2000-909498	20000313
	EP 1163237	B1	20040506		
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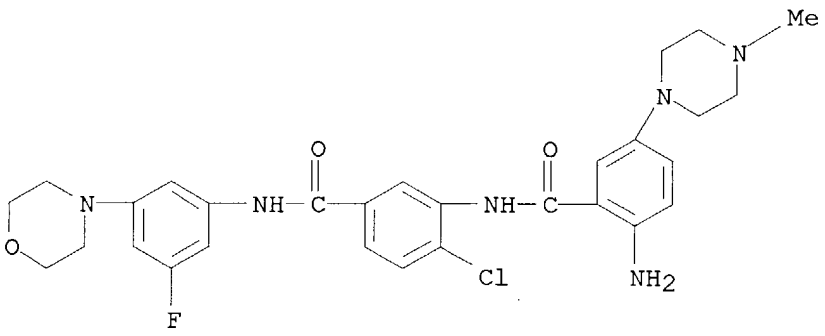
	TR 200103336	T2	20020422	TR 2001-20010333620000313	
	JP 2002539207	T2	20021119	JP 2000-605582	20000313
	AU 761453	B2	20030605	AU 2000-31778	20000313
	ZA 2001007536	A	20030818	ZA 2001-7536	20010912
	NO 2001004492	A	20011112	NO 2001-4492	20010914

IT **258862-92-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 3-(3-amidophenyl)-3,4-dihydroquinazolin-4-ones for treating diseases mediated by cytokines)

RN 258862-92-9 CAPLUS

CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

2000:473307 Document No. 133:358889 Molecular modeling of G-protein coupled receptor kinase 2: docking and biochemical evaluation of inhibitors. Kassack, Matthias U.; Hagger, Petra; Gschwend, Daniel A.; Kameyama, Kimihiko; Haga, Tatsuya; Graul, Richard C.; SadAe, Wolfgang (Department of Biopharmaceutical Sciences and Pharmaceutical Chemistry, University of California San Francisco, San Francisco, CA, 94143-0446, USA). PharmSci

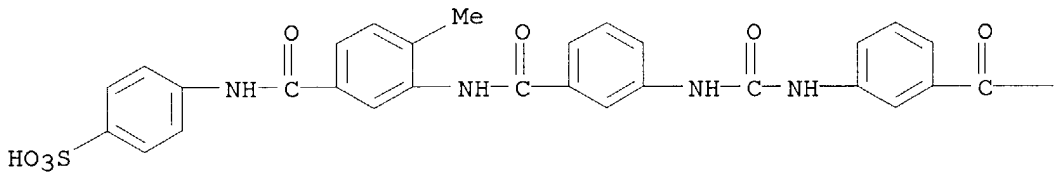
[online computer file], 2(1), No pp. given (English) 2000. CODEN: PHARFY. ISSN: 1522-1059. URL: http://www.pharmsci.org/journal/processCompTags.htm l?jshow=207&referer=www.pharmsci.org%2Fjournal%2Fissues%2Fvol-2-num-1%2Findex.html Publisher: American Association of Pharmaceutical Scientists.

IT **20716-59-0**, NF062
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(mol. modeling of G-protein coupled receptor kinase 2: docking and biochem. evaluation of inhibitors)

RN 20716-59-0 CAPLUS

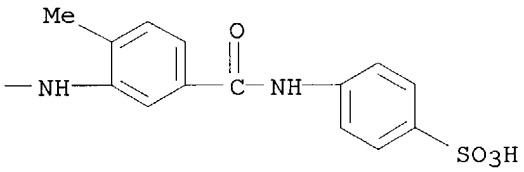
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

PAGE 1-B



L5 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

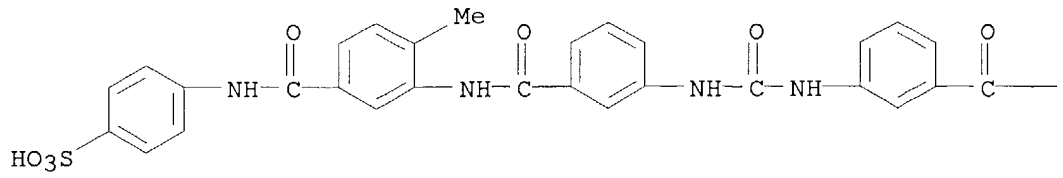
2000:412290 Document No. 133:173724 G-protein coupled receptor kinases and their inhibitors. Kassack, Matthias U. (Pharmaceutical Institute, University of Bonn, Bonn, 53121, Germany). Expert Opinion on Therapeutic Patents, 10(6), 917-928 (English) 2000. CODEN: EOTPEG. ISSN: 1354-3776. Publisher: Ashley Publications Ltd..

IT **20716-59-0**, NF062
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(G-protein coupled receptor kinases and their inhibitors)

RN 20716-59-0 CAPLUS

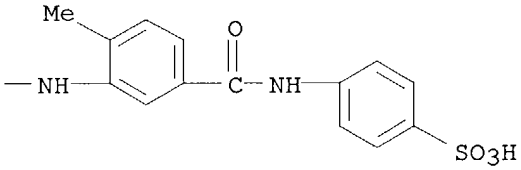
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



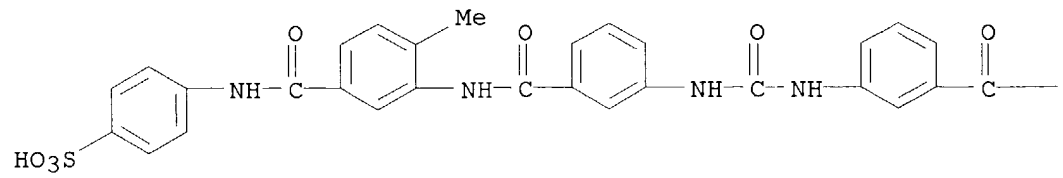
●2 Na

PAGE 1-B



L5 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
2000:244268 Document No. 133:37716 Angiostatic effects of suramin analogs in vitro. Firsching-Hauck, Angela; Nickel, Peter; Yahya, Claudia; Wandt, Carla; Kulik, Renate; Simon, Nicola; Zink, Martina; Nehls, Volker; Allolio, Bruno (Endokrinologie, Medizinische Universitatsklinik, Wurzburg, 97080, Germany). Anti-Cancer Drugs, 11(2), 69-77 (English) 2000. CODEN: ANTDEV. ISSN: 0959-4973. Publisher: Lippincott Williams & Wilkins.
IT **20716-59-0**, NF 062
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(NF 062; angiostatic effects of suramin analogs in vitro)
RN 20716-59-0 CAPLUS
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



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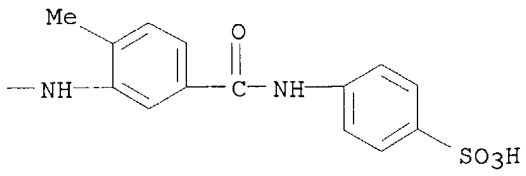

L5 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
2000:117019 Document No. 132:166015 Preparation of benzamides as cytokine inhibitors. Brown, Dearg Sutherland; Brown, George Robert (Zeneca Ltd., UK). PCT Int. Appl. WO 2000007980 A1 20000217, 110 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB2494 19990729. PRIORITY: GB 1998-16837 19980804.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000007980	A1	20000217	WO 1999-GB2494	19990729
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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	AU 756292	B2	20030109		
	BR 9912726	A	20010502	BR 1999-12726	19990729
	EP 1102743	A1	20010530	EP 1999-936814	19990729
	EP 1102743	B1	20020724		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002522414	T2	20020723	JP 2000-563615	19990729
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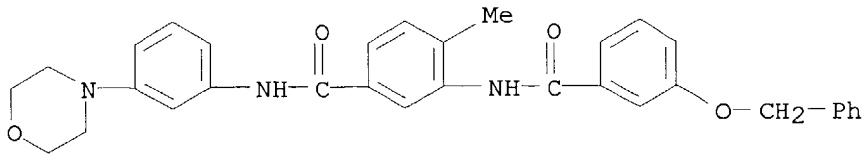
	PT 1102743	T	20021231	PT 1999-936814	19990729
	ES 2178895	T3	20030101	ES 1999-936814	19990729
	RU 2220951	C2	20040110	RU 2001-105984	19990729
	ZA 2001000617	A	20020122	ZA 2001-617	20010122
	NO 2001000533	A	20010330	NO 2001-533	20010131
	HK 1037608	A1	20021129	HK 2001-108406	20011129

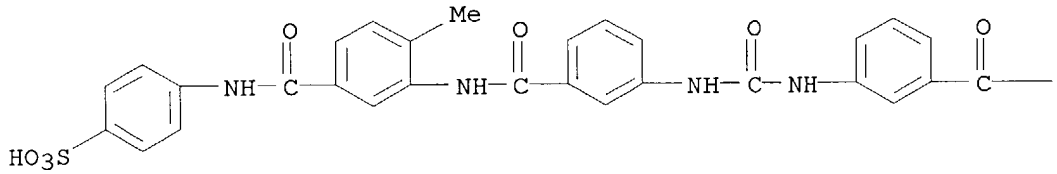
IT **258862-79-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of benzamides as cytokine inhibitors)

RN 258862-79-2 CAPLUS
CN Benzamide, 4-methyl-N-[3-(4-morpholinyl)phenyl]-3-[[3-(phenylmethoxy)benzoyl]amino]- (9CI) (CA INDEX NAME)



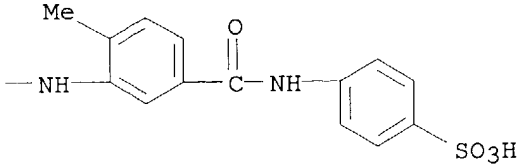
L5 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
2001:906622 Document No. 136:181222 Interactions between mouse ZP2 glycoprotein and proacrosin; a mechanism for secondary binding of sperm to the zona pellucida during fertilization. Howes, Elizabeth; Pascall, John C.; Engel, Wolfgang; Jones, Roy (Signalling Programme, The Babraham Institute, Cambridge, CB2 4AT, UK). Journal of Cell Science, 114(22), 4127-4136 (English) 2001. CODEN: JNCSAI. ISSN: 0021-9533. Publisher: Company of Biologists Ltd..
IT **20716-59-0**, NF062
RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(interactions between mouse ZP2 glycoprotein and proacrosin as mechanism for secondary binding of sperm to zona pellucida during fertilization in relation to mimetics of suramin as antifertility agents)
RN 20716-59-0 CAPLUS
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

PAGE 1-B



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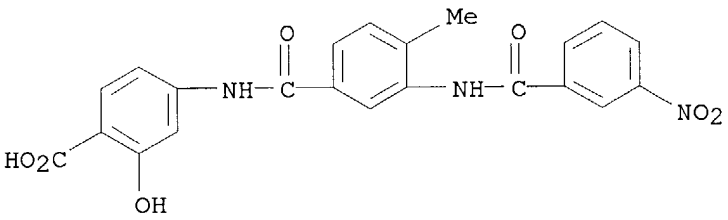
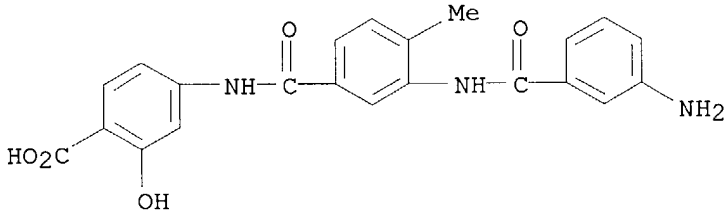
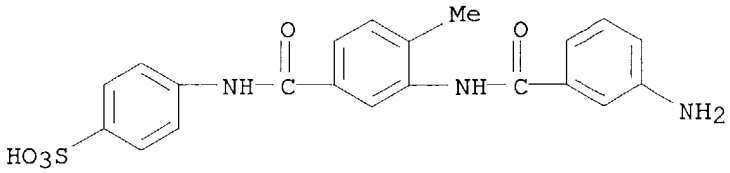
L5 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1957:25524 Document No. 51:25524 Original Reference No. 51:5068c-i,5069a-d
Search for trypanocides. III. Analogs of suramin. Adams, A.; Ashley, J. N.; Bader, H. (May & Baker Ltd., Dagenham, UK). Journal of the Chemical Society, Abstracts 3739-44 (Unavailable) 1956. CODEN: JCSAAZ. ISSN: 0590-9791.
IT **112717-77-8,** Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)-
115020-63-8, Salicylic acid, 4-[3-(m-aminobenzamido)-p-toluamido]-
(preparation of)
RN 112717-77-8 CAPLUS
CN Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)- (6CI) (CA INDEX NAME)



RN 115020-63-8 CAPLUS
CN Salicylic acid, 4-[3-(m-aminobenzamido)-p-toluamido]- (6CI) (CA INDEX NAME)



L5 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1968:434327 Document No. 69:34327 Inhibition of staphylococcal α-toxin. The effect of aromatic polysulfonic acids on the lethal effect of α-toxin in mice. Arbuthnott, J. P.; Lominski, I. R. W.; Wright, Margaret Robson (Anderson Coll., Glasgow, UK). Biochemical Journal, 108(1), 49-55 (English) 1968. CODEN: BIJOAK. ISSN: 0264-6021.
IT **17804-52-3 20716-59-0**
RL: BIOL (Biological study)
(staphylococci α-toxin lethal action inhibition by)
RN 17804-52-3 CAPLUS
CN Benzenesulfonic acid, 4-[[3-[(3-aminobenzoyl)amino]-4-methylbenzoyl]amino]-, monosodium salt (9CI) (CA INDEX NAME)



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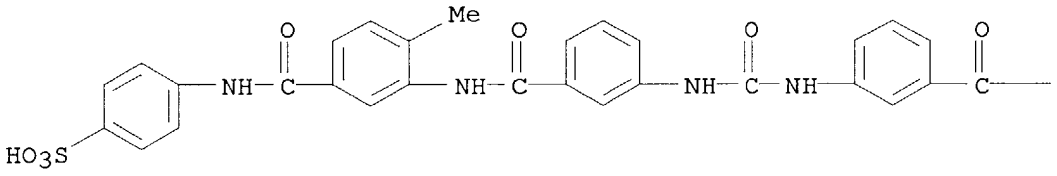
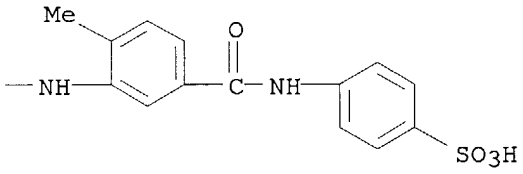
RN 20716-59-0 CAPLUS
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

PAGE 1-B



L5 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
1999:421639 Document No. 131:58657 Thiourea and benzamide compounds, compositions and methods of treating or preventing inflammatory diseases and atherosclerosis. Connor, David Thomas; Roark, William Howard; Sexton, Karen; Sorenson, Roderick Joseph (Warner-Lambert Company, USA). PCT Int. Appl. WO 9932433 A1 19990701, 226 pp. DESIGNATED STATES: W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1998-US24688 19981120. PRIORITY: US 1997-68604 19971223.
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO 9932433	A1	19990701	WO 1998-US24688	19981120
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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	AU 9915297	A1	19990712	AU 1999-15297	19981120
	BR 9814327	A	20001003	BR 1998-14327	19981120
	EP 1042276	A1	20001011	EP 1998-959510	19981120
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	JP 2001526255	T2	20011218	JP 2000-525370	19981120
	NZ 502963	A	20020628	NZ 1998-502963	19981120
	ZA 9811805	A	19990629	ZA 1998-11805	19981222
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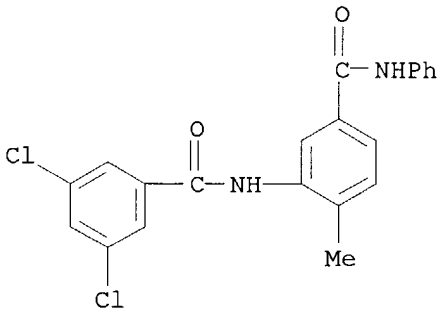
	US 6268387	B1	20010731	US 2000-529135	20000405
	US 2001031874	A1	20011018	US 2001-858089	20010515
	US 6528528	B2	20030304		

IT **228424-99-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of thiourea and benzamide compds. for treating or preventing inflammatory diseases and atherosclerosis)
RN 228424-99-5 CAPLUS
CN Benzamide, 3-[(3,5-dichlorobenzoyl)amino]-4-methyl-N-phenyl- (9CI) (CA INDEX NAME)



L5 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
2000:666727 Document No. 133:252450 Preparation of 3-(3-amidophenyl)-3,4-dihydroquinazolin-4-ones for treating diseases mediated by cytokines. Brown, Dearg Sutherland (Astrazeneca AB, Swed.). PCT Int. Appl. WO 2000055153 A1 20000921, 145 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC,

ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2.
APPLICATION: WO 2000-GB912 20000313. PRIORITY: GB 1999-6279 19990317; GB 1999-26667 19991111.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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	EP 1163237	B1	20040506		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
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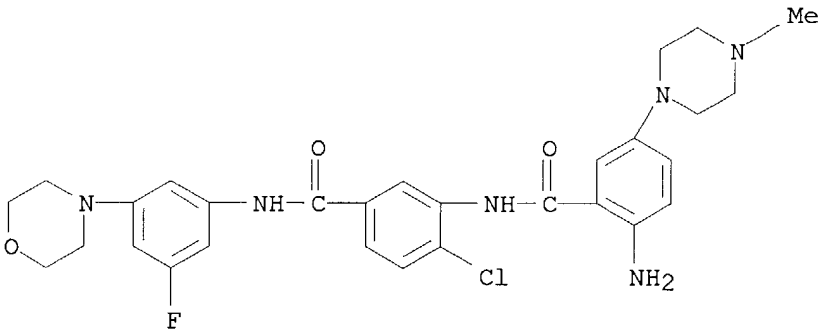
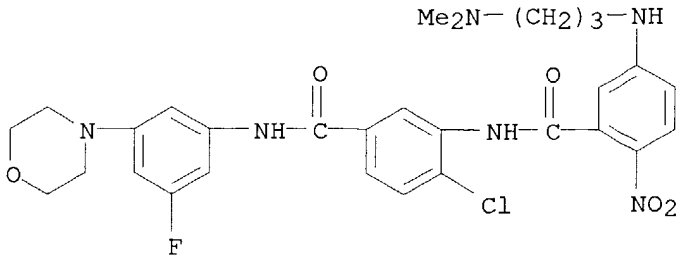
	TR 200103336	T2	20020422	TR 2001-20010333	20000313
	JP 2002539207	T2	20021119	JP 2000-605582	20000313
	AU 761453	B2	20030605	AU 2000-31778	20000313
	ZA 2001007536	A	20030818	ZA 2001-7536	20010912
	NO 2001004492	A	20011112	NO 2001-4492	20010914

IT **258862-92-9P 258862-94-1P 258862-95-2P 258862-96-3P 258862-97-4P 258864-20-9P 258864-21-0P 258864-23-2P 295311-48-7P 295311-49-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 3-(3-amidophenyl)-3,4-dihydroquinazolin-4-ones for treating diseases mediated by cytokines)

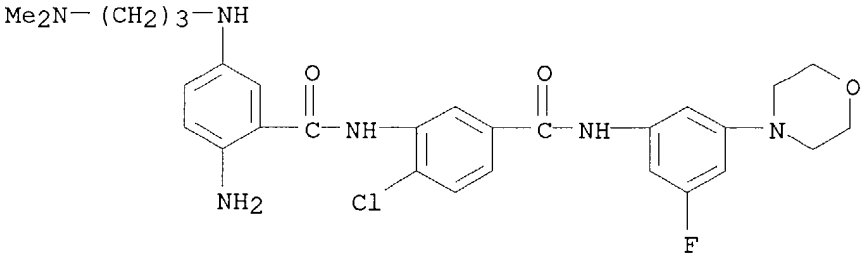
RN 258862-92-9 CAPLUS
CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)



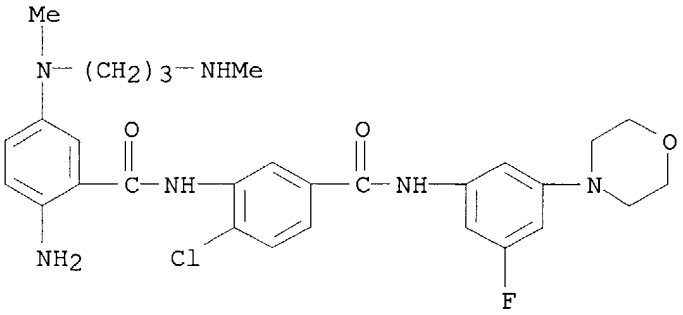
RN 258862-94-1 CAPLUS
CN Benzamide, N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-[[3-(dimethylamino)propyl]amino]-2-nitro- (9CI) (CA INDEX NAME)



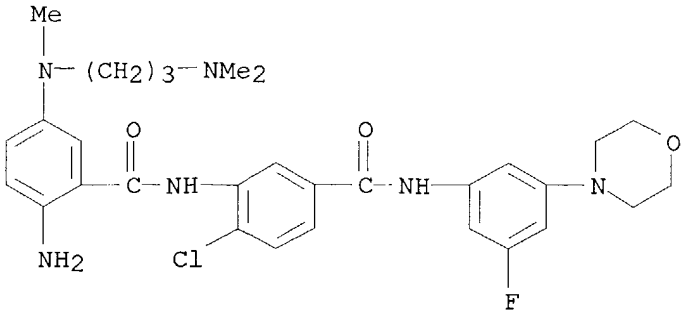
RN 258862-95-2 CAPLUS
CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-[[3-(dimethylamino)propyl]amino]- (9CI) (CA INDEX NAME)



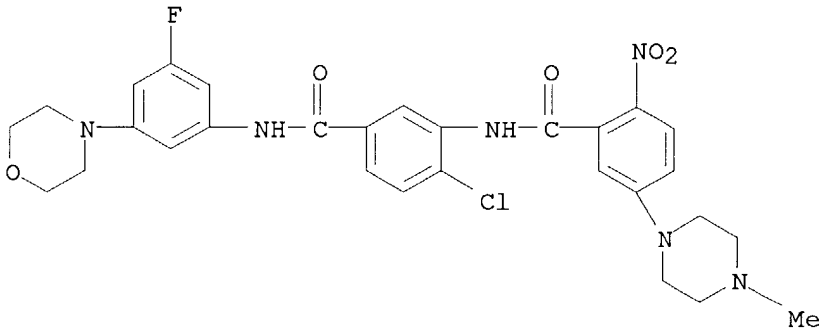
RN 258862-96-3 CAPLUS
CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-[methyl[3-(methylamino)propyl]amino]- (9CI) (CA INDEX NAME)



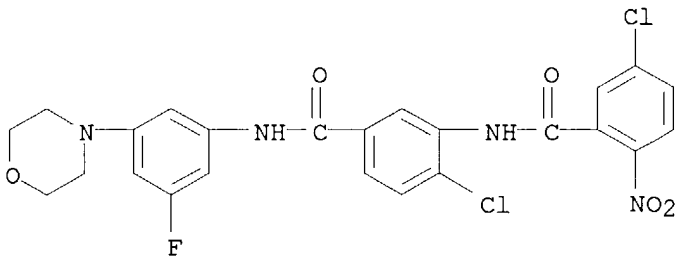
RN 258862-97-4 CAPLUS
CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-[[3-(dimethylamino)propyl]methylamino]- (9CI) (CA INDEX NAME)



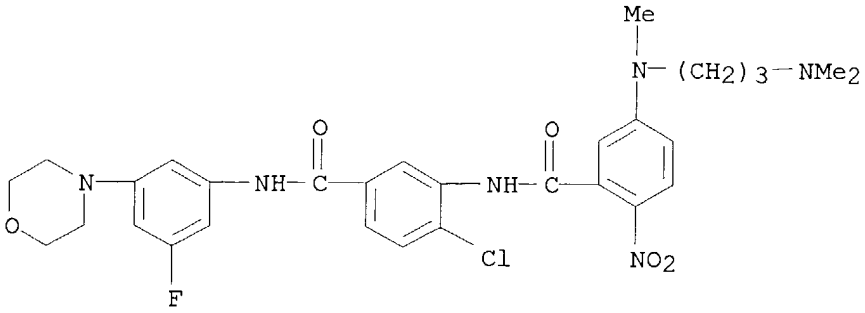
RN 258864-20-9 CAPLUS
CN Benzamide, N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbony l]phenyl]-5-(4-methyl-1-piperazinyl)-2-nitro- (9CI) (CA INDEX NAME)



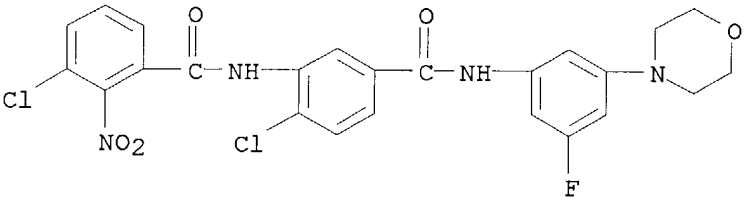
RN 258864-21-0 CAPLUS
CN Benzamide, 5-chloro-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-2-nitro- (9CI) (CA INDEX NAME)



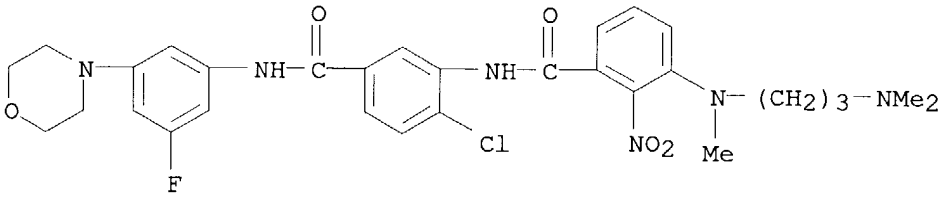
RN 258864-23-2 CAPLUS
CN Benzamide, N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbony l]phenyl]-5-[[3-(dimethylamino)propyl]methylamino]-2-nitro- (9CI) (CA INDEX NAME)



RN 295311-48-7 CAPLUS
CN Benzamide, 3-chloro-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-2-nitro- (9CI) (CA INDEX NAME)



RN 295311-49-8 CAPLUS
CN Benzamide, N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-3-[[3-(dimethylamino)propyl]methylamino]-2-nitro- (9CI) (CA INDEX NAME)



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LOGOFF? (Y)/N/HOLD:.

STN INTERNATIONAL LOGOFF AT 13:35:24 ON 20 MAY 2004

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2	13	(((540/575,598,604) or (544/121,130,165,391,396) or (546/217,234,337) or (548/338.1,568) or (564/139,155,158) or (514/217.05,217.12,218,235.8,237.2,237.8,252.12,255.01,327,331,357,399,428,616)).CCLS.) AND (benzamido WITH benzamide)	USPAT; US-PGPUB	2004/05/20 11:13